

XX Claim 73; Page 110; 126pp; English.

XX This sequence represents a primer used in the method of the invention for

XX the detection of the presence or absence of chromosomal abnormalities,

XX each abnormality being associated with a condition in a subject and each

XX being defined by at least one characteristic nucleic acid sequence. The

XX method comprises: (a) obtaining a sample of nucleic acids derived from a

XX subject which may harbour one of the chromosomal abnormalities; (b)

XX subjecting the sample to a multiplex molecular amplification (MMA)

XX procedure, where a number of the characteristic sequences, if present in

XX a sufficient amount, will be amplified; (c) retrieving the product(s)

XX from step (b), and detecting the presence and/or absence of an amplicon

XX characteristic of the abnormal sequences to detect the presence or

XX absence of corresponding chromosomal abnormalities; where the MMA

XX procedure comprises the use of at least 7 mutually distinct primers (MDP)

XX in one single reaction mixture, each of the primers defining an end of at

XX least one characteristic nucleic acid sequence, and where at least one of

XX the primers defines the first end of at least two characteristic nucleic

XX acid sequences, the characteristic nucleic acid sequences each being

XX determined in their opposite ends by MDP selected from the remainder of

XX the MDP. The methods can be used for detecting chromosomal abnormalities

XX associated with diseases including numerous leukaemia's, lymphoma's,

XX carcinoma's, adenocarcinoma's, sarcoma's, glioma's, neuroblastoma's,

XX medullablastoma, malignant melanoma, and malignant neoplastic conditions

XX

SQ Sequence 13 BP; 2 A; 6 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943

DB 2 TCCTCTTCA 10

RESULT 2777

AAV13242

ID AAV13242 standard; DNA; 13 BP.

XX AAV13242;

XX

DT 14-MAY-1998 (first entry)

XX

DE Probe used in DNA sequencing method.

XX

KW DNA sequencing; probe ligation; probe cleavage; probe; ss.

XX

OS Synthetic.

XX

PN US5714330-A.

XX

PD 03-FEB-1998.

XX

PF 21-JUN-1996; 96US-00667689.

XX

PR 04-APR-1994; 94US-00222300.

XX

PR 25-JUL-1994; 94US-00280441.

XX

PR 24-MAR-1995; 95US-00410116.

XX

XX (LYNX-) LYNX THERAPEUTICS INC.

XX

XX Dubridge RB, Brenner S;

XX

XX WPI; 1998-144279/13.

XX

XX DNA sequencing method - by stepwise probe ligation and cleavage.

XX

XX Example 5; Col 26; 43pp; English.

XX

XX The present sequence was used in the development of a novel method for

XX the determination of a nucleotide sequence of a polynucleotide (PN). The

CC method comprises: (a) ligating a probe to an end of a PN, the probe

CC having a nuclease recognition site of a nuclease whose cleavage site is

CC separate from its recognition site, and the PN having been replicated in

CC the presence of 5-methyldeoxycytidine triphosphate; (b) identifying at

CC least one nucleotide at the end of the PN by the identity of the probe

CC ligated to it or by extending a strand of the PN or probe; (c) cleaving

CC the PN with a nuclease recognising the nuclease recognition site of the

CC probe so that the PN is shortened by one or more nucleotides; and (d)

CC repeating steps (a) to (c) until the nucleotide sequence of the PN is

CC determined. The method avoids electrophoretic separation of similarly

CC sized DNA fragments and problems associated with the detection and

CC analysis of overlapping bands of DNA fragments in the gel, and obviates

CC the need to generate DNA fragments from long single stranded templates

CC with a DNA polymerase

XX

SQ Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943

DB 5 TCCTCTTCA 13

RESULT 2778

AAV34128

ID AAV34128 standard; DNA; 13 BP.

XX AAV34128;

XX

DT 02-FEB-1999 (first entry)

XX

DE Oligonucleotide #24 for novel DNA sequencing method.

XX

KW Oligomer; nucleotide sequencing; ligation; probe; hybridisation;

XX type IIS restriction endonuclease; recognition site; cleavage; ss.

XX

OS Synthetic.

XX

PN US5831065-A.

XX

XX 03-NOV-1998.

XX

PF 11-SEP-1996; 96US-00712011.

XX

PR 04-APR-1994; 94US-00222300.

XX

PR 25-JUL-1994; 94US-00280441.

XX

PR 24-MAR-1995; 95US-00410116.

XX

PR 07-JUN-1995; 95US-00478239.

XX

XX (LYNX-) LYNX THERAPEUTICS INC.

XX

XX Brenner S;

XX

XX WPI; 1998-609330/51.

XX

XX Kits for DNA sequencing - contains components for a stepwise ligation and

XX cleavage sequencing procedure.

XX

XX Example 5; Col 33; 39pp; English.

XX

XX Oligomers AAV34105-V34144 are used in kits for a method for determining

XX the nucleotide sequence of a polynucleotide. The method comprises

XX ligating a probe to the end of a polynucleotide to form a ligated

XX complex, the probe having a type IIS restriction endonuclease recognition

XX site positioned so that the endonuclease cleaves the ligated complex, but

XX not the probe. The probe used is partially double stranded, with an

XX overhang which hybridises to the target sequence. The sequence of the

XX probe is such that on hybridisation and recognition of the endonuclease

XX site, the endonuclease actually cleaves the target sequence one base from

XX the terminus, and not at the recognition site of the probe. In this

CC manner, through repeated rounds of hybridisation and cleavage, the
 CC sequence of the target can eventually be deduced

XX Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943

DB 5 TCCTCTTCA 13

RESULT 2779

AXX00579
 ID AAX00579 standard; DNA; 13 BP.

XX AC AAX00579;

XX DT 30-MAR-1999 (first entry)

XX DE Probe (B) for detecting zygosity by ligation and cleavage.

XX Zygosity; genetic locus; allele; ligation; probe; nuclease; overhang;
 KW recognition site; cleavage; ds.

XX OS Synthetic.

XX PN US956093-A.

XX PD 05-JAN-1999.

XX PF 07-JUN-1995; 95US-00478239.

XX PR 04-APR-1994; 94US-00222300.

XX PR 25-JUL-1994; 94US-00280441.

XX PR 24-MAR-1995; 95US-00410116.

XX PA (LYNX-) LYNX THERAPEUTICS INC.

XX PI Brenner S;

XX WPI; 1999-105093/09.

PT Determination of zygosity - by DNA sequencing method comprises repeated

PS probe ligation and cleavage.

PS Example 5; Col 21; 4opp; English.

CC Oligonucleotides AAX00556-X00595 are used in a method of determining the
 CC zygosity of an individual at a predetermined genetic locus having several
 CC allelic forms of DNA. The method comprises ligating a probe having a
 CC protruding strand and a nuclease recognition site to one end of each
 CC polynucleotide (containing a protruding and recessed end) in a sample of
 CC DNA from the predetermined genetic locus, to form one or more ligated
 CC complexes, (the ligated complexes being formed only from those probes
 CC whose protruding strands form perfectly matched duplexes with the
 CC protruding strands of the polynucleotides of the sample), and the
 CC nuclease recognition site being of a nuclease whose cleavage site is
 CC separate from its recognition site; (c) identifying the type and relative
 CC abundance of nucleotides in the protruding strand of the polynucleotide
 CC by the identity of the probe; (d) cleaving the ligated complexes with the
 CC nuclease that recognises the nuclease recognition site and cuts the
 CC ligated complexes to give an augmented probe and a new protruding strand
 CC on the polynucleotide; and (e) repeating steps (b) to (d) until the
 CC nucleotide sequences of the polynucleotides of the genetic locus are
 CC determined, thereby determining the zygosity of the individual

XX Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 935 TCCTCTTCA 943
 DB 5 TCCTCTTCA 13

RESULT 2780

AAZ92440
 ID AAZ92440 standard; DNA; 13 BP.

XX AC AAZ92440;

XX DT 05-JUN-2000 (first entry)

XX DE Rhizoctonia sp. PCR primer #10.

XX Antifungal; biocontrol; binucleate; non-pathogenic fungus;
 KW strain identification; classification; internal transcribed spacer;

XX ITS region; 5.8s region; ribosomal; PCR primer; ss.

XX OS Rhizoctonia sp.

XX PN WO200004779-A1.

XX PD 03-FEB-2000.

XX PF 23-JUL-1999; 99WO-GB002406.

XX PR 24-JUL-1998; 98GB-00016265.

XX (TECN-) INST TECNICO AGRONOMICO PROVINCIAL SA.
 (RUFF/) RUFFLES G K.

XX PI Rubio Susan V, Salazar Torres O, Julian Esquivias M;
 PI Gonzales Garcia V, Gomez-Acebo Gullon E, Munoz Gomez R;
 PI Lopez Corcoles H;

XX WPI; 2000-182492/16.

PT Protection of plants including tomato, pepper, lettuce, radish, parsley,
 PT sugar beet, rape, and onions against pathogenic fungi, uses a binucleate
 PT Rhizoctonia strain for biocontrol.

XX Claim 10; Page 15; 12lpp; English.

CC The invention relates to a novel method of protecting plants from
 CC pathogenic fungi. The method comprises biocontrol of pathogenic fungi via
 CC the use of a non-pathogenic, binucleate Rhizoctonia strain. The
 CC binucleate Rhizoctonia is selected by molecular detection of certain
 CC internal transcribed spacer (ITS)-5.8s ribosomal DNA sequences (AAZ92445-
 CC AAZ92458), which vary between strains of these fungi. The invention also
 CC encompasses a concentrate for use in plant protection containing viable
 CC material from the binucleate Rhizoctonia strains of the invention, and
 CC primers (AAZ92437-292444) for identifying these strains. The strains of
 CC the invention are used as biocontrol agents for related pathogenic fungi.
 CC Binucleate Rhizoctonia isolate Eab-F2 was tested for its ability to
 CC protect tomato seedlings from the pathogenic Rhizoctonia strain Me8.2.

CC The Rhizoctonia strains were inoculated either simultaneously or
 CC consecutively (the binucleate strain followed by the pathogenic strain),
 CC and the protection effect indicated by the degree of infected vegetal
 CC surface. The binucleate strain was found to provide protection against
 CC the pathogenic strain when it had been allowed to colonise the vegetal
 CC surface prior to pathogenic fungal infection (i.e., consecutive
 CC inoculation), whereas no protection was provided when both strains were
 CC inoculated simultaneously. The method of the invention may be used to
 CC protect a wide variety of plants from pathogenic fungal infection. Plants
 CC that may be protected include vegetables, crops such as oilseed rape,
 CC sugar beet and alfalfa, trees and ornamental plants. The method is
 CC reliable and provides economical biocontrol of diseases caused by
 CC Rhizoctonia solani. Sequences AAZ92431-292444 represent PCR primers which
 CC may be used to identify and distinguish strains of Rhizoctonia on the
 CC basis of their ITS sequences, thereby classifying their pathogenicity

XX SQ Sequence 13 BP; 2 A; 2 C; 3 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 938 TCTTCATTG 946
| | | | |
Db 2 TCTTCATTG 10
RESULT 2781
AAZ65642
ID AAZ65642 standard; DNA; 13 BP.
XX AC AAZ65642;
XX 30-MAR-2000 (first entry)
XX Immunosuppressant inhibitor oligonucleotide TGF-beta-3-rwk-16.
XX Immunosuppressant inhibitor; transforming growth factor beta; TGF beta;
KW vascular endothelial growth factor; VEGF; interleukin-10; IL-10; cancer;
KW prostaglandin E2; PGE2; immune response; tumour; asthma; Crohn's disease;
KW monocyte chemoattractant protein-1; MCP-1; ulcerative colitis; diabetes;
KW glomerulonephritis; acute respiratory distress syndrome; ss;
KW atherosclerosis.
XX OS Unidentified.
XX WO9963975-A2.
XX 16-DEC-1999.
XX 10-JUN-1999; 99WO-EP004013.
XX 10-JUN-1999; 98EP-00110709.
XX 25-JUL-1999; 98EP-00113974.
XX (BIOG-) BIOGNOSTIK GRS BIOMOLEKULARE DIAGNOSTIK.
XX Schlingensiepen K, Schlingensiepen R, Brysch W;
XX WPI; 2000-097470/08.
XX Composition containing immune stimulant and inhibitor of agent that
PT adversely affects the immune response, for treating cancers and
PT infections.
XX Claim 10; Fig 1; 30pp; English.
XX This sequence is an immunosuppressant inhibitor oligonucleotide, which is
CC used in the invention. The invention relates to a composition which
CC contains at least one inhibitor (less than 100 kD) of a substance (e.g.
CC transforming growth factor TGF-beta, vascular endothelial growth factor
CC VEGF, interleukin-10 IL-10, prostaglandin E2 PGE2, or their receptors)
CC that adversely affects the immune response. The composition also includes
CC at least one stimulant that positively affects the immune response. This
CC oligonucleotide is an example of an inhibitor that is used in the
CC composition. The composition is used as an immunostimulant for the
CC treatment of neoplasms and infections, particularly hyperproliferation;
CC leukaemia; (non-)Hodgkin's lymphoma; carcinoma (of oesophagus, bronchi,
CC colon-rectum, stomach, intestine, gall bladder or duct, pancreas, anus,
CC breast, ovary, cervix, endometrium, prostate or bladder), liver tumours,
CC malignant melanoma, brain tumours and sarcomas. The oligonucleotides,
CC most of which are directed against TGFbeta or VEGF, are inhibitors of
CC monocyte chemoattractant protein-1 (MCP-1) and are useful as anti-
CC inflammatory for treating e.g. asthma, Crohn's disease, ulcerative
CC colitis, diabetes, glomerulonephritis, acute respiratory distress
CC syndrome and the formation of atherosclerotic plaque
XX Sequence 13 BP; 1 A; 2 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTTCTTTGG 917
| | | | |
Db 4 TTTCTTTGG 12
RESULT 2782
ABC42713
ID ABC42713 standard; DNA; 13 BP.
XX AC ABC42713;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 42730 for detecting SNP TSC0012716.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 42730; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 3 A; 6 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 936 CCTCTTCAT 944
| | | | |
Db 2 CCTCTTCAT 10
RESULT 2783
ABC68634
ID ABC68634 standard; DNA; 13 BP.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 6578; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 5 C; 0 G; 4 T; 0 U; 1 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 930 ATCCCTCTCT 938
Db 4 ATCCCTCTCT 12
|||||||
RESULT 2786
ABC57583/c
ID ABC57583 standard; DNA; 13 BP.
XX
XX ABC57583;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 57600 for detecting SNP TSC0015534.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 57600; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
Db 11 TTTAATGTA 3
|||||||
RESULT 2787
ABC83127
ID ABC83127 standard; DNA; 13 BP.
XX
XX ABC83127;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 83144 for detecting SNP TSC0020367.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 83144; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 3 C; 0 G; 5 T; 0 U; 1 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      924 CCTTTATC 932
Db      5 CCTTTATC 13

RESULT 2788
ABF09982
ID ABF09982 standard; DNA; 13 BP.
XX
AC ABF09982;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 109979 for detecting SNP TSC0027481.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 109979; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      948 TTTAATGTA 956
Db      4 TTTAATGTA 12

RESULT 2789
ABC86570/c
ID ABC86570 standard; DNA; 13 BP.
XX
AC ABC86570;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 63994 for detecting SNP TSC0016890.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PS Claim 1; SEQ ID NO 109979; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DE XX Oligonucleotide SEQ ID NO 86587 for detecting SNP TSC0021760.
KW XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS XX Homo sapiens.
XX
PN XX WO200177384-A2.
XX
PD XX 18-OCT-2001.
XX
PF XX 06-APR-2001; 2001WO-IB000713.
XX
PR XX 07-APR-2000; 2000DE-01019173.
XX
PA XX (EPG-) EPIGENOMICS AG.
XX
PI XX Olek A, Piepenbrock C, Berlin K;
XX
DR XX WPI; 2001-657177/75.
XX
PT XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT XX designed to detect single-nucleotide polymorphisms and cytosine
PT XX methylation status.
XX
PS XX Claim 1; SEQ ID NO 86587; 29pp + Sequence Listing; German.
XX
CC XX This invention describes novel oligonucleotide primers or peptide nucleic
CC XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC XX and cytosine methylation status in chemically pretreated genomic DNA. The
CC XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC XX range of diseases including immune system, gastrointestinal, respiratory,
CC XX central nervous system, cardiovascular and metabolic disorders. The
CC XX oligomers are also used for detecting cell type differentiation. ABC00010
CC XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC XX represent the oligomers described in the invention. NOTE: The sequence
CC XX data for this patent did not form part of the printed specification, but
CC XX was obtained in electronic format from WIPO at
CC XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ XX Sequence 13 BP; 4 A; 0 C; 7 G; 2 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      934 CTCCTCTTC 942
Db      11 CTCCTCTTC 3

RESULT 2790
ABC63977
ID ABC63977 standard; DNA; 13 BP.
XX
AC ABC63977;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 63994 for detecting SNP TSC0016890.
XX
KW XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS XX Homo sapiens.
XX
PN XX WO200177384-A2.
XX
PD XX 18-OCT-2001.
XX
PF XX 06-APR-2001; 2001WO-IB000713.

```

```
XX PR 07-APR-2000; 2000DE-01019173.
XX (EPIC-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 63994; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 956 ATCGCTACC 964
Db 4 ATCGCTACC 12
|||||||
RESULT 2791
ABF16745/C
ID ABF16745 standard; DNA; 13 BP.
XX
XX ABF16745;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 116742 for detecting SNP TSC0029208.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB0000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIC-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 63994; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 956 ATCGCTACC 964
Db 4 ATCGCTACC 12
|||||||
RESULT 2791
ABF16745/C
ID ABF16745 standard; DNA; 13 BP.
XX
XX ABF16745;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 116742 for detecting SNP TSC0029208.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB0000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIC-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
```

```
PS Claim 1; SEQ ID NO 116742; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 3 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 945 TGGTTTAAT 953
Db 11 TGGTTTAAT 3
|||||||
RESULT 2792
ABF31468/C
ID ABF31468 standard; DNA; 13 BP.
XX
XX ABF31468;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 131465 for detecting SNP TSC0032813.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB0000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIC-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 131465; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 0 G; 5 T; 0 U; 1 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 81.8%; Pred. No. 1.5e+03;
  Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAATGAT 957
Db 13 TTAAATGAT 3

RESULT 2793
ABF32753/c
ID ABF32753 standard; DNA; 13 BP.
XX
AC ABF32753;
XX
XX 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 132750 for detecting SNP TSC0033106.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 132750; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 1 C; 0 G; 7 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGAT 957
Db 13 TTAATGAT 5

RESULT 2795
ABF42133/c
ID ABF42133 standard; DNA; 13 BP.
XX
AC ABF42133;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 142130 for detecting SNP TSC0035599.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

```


CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 XX Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 946 GGTTAATG 954
 Db 5 GGTTAATG 13
 |||||

RESULT 2798
 ABF69029/c
 ID ABF69029 standard; DNA; 13 BP.

AC ABF69029;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 169026 for detecting SNP TSC0042240.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.

PN WO200177384-A2.

PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

PA (EPIG-) EPIGENOMICS AG.

PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 169026; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

XX Sequence 13 BP; 4 A; 4 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 946 GGTTAATG 954
 Db 9 GGTTAATG 1
 |||||

RESULT 2799
 ABF99611/c

ID ABF99611 standard; DNA; 13 BP.

AC ABF99611;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 199608 for detecting SNP TSC0049105.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.

PN WO200177384-A2.

PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

PA (EPIG-) EPIGENOMICS AG.

PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 199608; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

XX Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAAATG 955
 Db 12 GTTAAATG 4
 |||||

RESULT 2800
 ABF50897

ID ABF50897 standard; DNA; 13 BP.

XX

AC ABF50897;


```
XX 21-FEB-2002 (first entry)
XX DT
XX DE
XX DE Oligonucleotide SEQ ID NO 150894 for detecting SNP TSC0038091.
XX KW
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS
XX OS Homo sapiens.
XX PN
XX PN WO200177384-A2.
XX PD
XX PD 18-OCT-2001.
XX PF
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR
XX PR 07-APR-2000; 2000DE-01019173.
XX PR (EPIG-) EPIGENOMICS AG.
XX PA
XX PA Olek A, Piepenbrock C, Berlin K;
XX PI
XX PI WPI; 2001-657177/75.
XX DR
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX DR designed to detect single-nucleotide polymorphisms and cytosine
XX DR methylation status.
XX PT
XX PT Claim 1; SEQ ID NO 150894; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ
XX SQ Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 960 CTACCAACG 968
XX Db
XX Db 3 CTACCAACG 11
XX
XX RESULT 2801
XX ABF54252/c
XX ID
XX ID ABF54252 standard; DNA; 13 BP.
XX AC
XX AC ABF54252;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE
XX DE Oligonucleotide SEQ ID NO 154249 for detecting SNP TSC0038993.
XX KW
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS
XX OS Homo sapiens.
XX PN
XX PN WO200177384-A2.
XX PT
```

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PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR
XX PR 07-APR-2000; 2000DE-01019173.
XX PR (EPIG-) EPIGENOMICS AG.
XX PA
XX PA Olek A, Piepenbrock C, Berlin K;
XX PI
XX PI WPI; 2001-657177/75.
XX DR
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX DR designed to detect single-nucleotide polymorphisms and cytosine
XX DR methylation status.
XX PT
XX PT Claim 1; SEQ ID NO 154249; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ
XX SQ Sequence 13 BP; 3 A; 0 C; 5 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 930 ATCCCTCCT 938
XX Db
XX Db 12 ATCCCTCCT 4
XX
XX RESULT 2802
XX ABF55774/c
XX ID
XX ID ABF55774 standard; DNA; 13 BP.
XX AC
XX AC ABF55774;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE
XX DE Oligonucleotide SEQ ID NO 155771 for detecting SNP TSC0039332.
XX KW
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS
XX OS Homo sapiens.
XX PN
XX PN WO200177384-A2.
XX PD
XX PD 18-OCT-2001.
XX PF
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR
XX PR 07-APR-2000; 2000DE-01019173.
XX PR (EPIG-) EPIGENOMICS AG.
XX PA
XX PA Olek A, Piepenbrock C, Berlin K;
XX PI
XX PI WPI; 2001-657177/75.
XX DR
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT
```

PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 155771; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTTCATT 945

Db 13 CTCCTTCATT 5

RESULT 2803

ID ABF57869/c
ID ABF57869 standard; DNA; 13 BP.

XX ABF57869;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 157866 for detecting SNP TSC0039755.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.

PN WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 157866; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 3 C; 0 G; 3 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955

Db 12 GTTTAATGT 4

RESULT 2804

ABH33439

ID ABH33439 standard; DNA; 13 BP.

XX ABH33439;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 233416 for detecting SNP TSC0056954.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.

PN WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 233416; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 2 A; 6 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCC 937

|||||||

D	b		5	TATCCTCC	13
		RESULT 2805			
		ABH12772			
	I	D	ABH12772	standard; DNA; 13 BP.	
X	X	A	C	ABH12772;	
X	X	D	T	22-FEB-2002 (first entry)	
X	X	D	E	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.	
X	X	K	W	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;	
X	X	K	W	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	
X	X	K	W	central nervous system; gastrointestinal; respiratory; immune; metabolic.	
X	X	S	O	Homo sapiens.	
X	X	P	N	WO200177384-A2.	
X	X	P	D	18-OCT-2001.	
X	X	F	F	06-APR-2001; 2001WO-IB000713.	
X	X	P	R	07-APR-2000; 2000DE-01019173.	
X	X	P	A	(EPIG-) EPIGENOMICS AG.	
X	X	P	I	Olek A, Piepenbrock C, Berlin K;	
X	X	D	R	WPI; 2001-657177/75.	
X	X	P	T	Set of oligonucleotides, useful for diagnosis and cell typing, is	
X	X	P	T	designed to detect single-nucleotide polymorphisms and cytosine	
X	X	P	T	methylation status.	
X	X	P	S	Claim 1; SEQ ID NO 164045; 29pp + Sequence Listing; German.	
X	X	C	C	This invention describes novel oligonucleotide primers or peptide nucleic	
X	X	C	C	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
X	X	C	C	and cytosine methylation status in chemically pretreated genomic DNA. The	
X	X	C	C	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
X	X	C	C	range of diseases including immune system, gastrointestinal, respiratory,	
X	X	C	C	central nervous system, cardiovascular and metabolic disorders. The	
X	X	C	C	oligomers are also used for detecting cell type differentiation. ABC00010	
X	X	C	C	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073	
X	X	C	C	represent the oligomers described in the invention. NOTE: The sequence	
X	X	C	C	data for this patent did not form part of the printed specification, but	
X	X	C	C	was obtained in electronic format from WIPO at	
X	X	C	C	ftp.wipo.int/pub/published_pct_sequences	
X	X	S	Q	Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;	
X	X	C	C	This invention describes novel oligonucleotide primers or peptide nucleic	
X	X	C	C	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
X	X	C	C	and cytosine methylation status in chemically pretreated genomic DNA. The	
X	X	C	C	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
X	X	C	C	range of diseases including immune system, gastrointestinal, respiratory,	
X	X	C	C	central nervous system, cardiovascular and metabolic disorders. The	
X	X	C	C	oligomers are also used for detecting cell type differentiation. ABC00010	
X	X	C	C	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073	
X	X	C	C	represent the oligomers described in the invention. NOTE: The sequence	
X	X	C	C	data for this patent did not form part of the printed specification, but	
X	X	C	C	was obtained in electronic format from WIPO at	
X	X	C	C	ftp.wipo.int/pub/published_pct_sequences	
X	X	S	Q	Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;	
X	X	C	C	This invention describes novel oligonucleotide primers or peptide nucleic	
X	X	C	C	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
X	X	C	C	and cytosine methylation status in chemically pretreated genomic DNA. The	
X	X	C	C	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
X	X	C	C	range of diseases including immune system, gastrointestinal, respiratory,	
X	X	C	C	central nervous system, cardiovascular and metabolic disorders. The	
X	X	C	C	oligomers are also used for detecting cell type differentiation. ABC00010	
X	X	C	C	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073	
X	X	C	C	represent the oligomers described in the invention. NOTE: The sequence	
X	X	C	C	data for this patent did not form part of the printed specification, but	
X	X	C	C	was obtained in electronic format from WIPO at	
X	X	C	C	ftp.wipo.int/pub/published_pct_sequences	
X	X	S	Q	Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;	
X	X	C	C	This invention describes novel oligonucleotide primers or peptide nucleic	
X	X	C	C	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
X	X	C	C	and cytosine methylation status in chemically pretreated genomic DNA. The	
X	X	C	C	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
X	X	C	C	range of diseases including immune system, gastrointestinal, respiratory,	
X	X	C	C	central nervous system, cardiovascular and metabolic disorders. The	
X	X	C	C	oligomers are also used for detecting cell type differentiation. ABC00010	
X	X	C	C	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073	
X	X	C	C	represent the oligomers described in the invention. NOTE: The sequence	
X	X	C	C	data for this patent did not form part of the printed specification, but	
X	X	C	C	was obtained in electronic format from WIPO at	
X	X	C	C	ftp.wipo.int/pub/published_pct_sequences	
X	X	S	Q	Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;	
X	X	C	C	This invention describes novel oligonucleotide primers or peptide nucleic	
X	X	C	C	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
X	X	C	C	and cytosine methylation status in chemically pretreated genomic DNA. The	
X	X	C	C	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
X	X	C	C	range of diseases including immune system, gastrointestinal, respiratory,	
X	X	C	C	central nervous system, cardiovascular and metabolic disorders. The	
X	X	C	C	oligomers are also used for detecting cell type differentiation. ABC00010	
X	X	C	C	-ABC99	

Db	5	TATCCTCC	13	
RESULT 2805				
ABH12772				
ID	ABH12772	standard; DNA; 13 BP.		
XX	AC	ABH12772;		
XX	AC	ABH12772;		
DT	22-FEB-2002	(first entry)		
XX	XX			
DE	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.			
XX	XX			
XX	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;		
XX	XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;		
XX	XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.		
XX	OS	Homo sapiens.		
XX	OS	Homo sapiens.		
PN	WO200177384-A2.			
XX	XX			
PD	18-OCT-2001.			
XX	XX			
DT	22-FEB-2002	(first entry)		
XX	XX			
DE	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.			
XX	XX			
XX	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;		
XX	XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;		
XX	XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.		
XX	OS	Homo sapiens.		
XX	OS	Homo sapiens.		
PN	WO200177384-A2.			
XX	XX			
PD	18-OCT-2001.			
XX	XX			
DT	22-FEB-2002	(first entry)		
XX	XX			
DE	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.			
XX	XX			
XX	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;		
XX	XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;		
XX	XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.		
XX	OS	Homo sapiens.		
XX	OS	Homo sapiens.		
PN	WO200177384-A2.			
XX	XX			
PD	18-OCT-2001.			
XX	XX			
DT	22-FEB-2002	(first entry)		
XX	XX			
DE	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.			
XX	XX			
XX	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;		
XX	XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;		
XX	XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.		
XX	OS	Homo sapiens.		
XX	OS	Homo sapiens.		
PN	WO200177384-A2.			
XX	XX			
PD	18-OCT-2001.			
XX	XX			
DT	22-FEB-2002	(first entry)		
XX	XX			
DE	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.			
XX	XX			
XX	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;		
XX	XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;		
XX	XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.		
XX	OS	Homo sapiens.		
XX	OS	Homo sapiens.		
PN	WO200177384-A2.			
XX	XX			
PD	18-OCT-2001.			
XX	XX			
DT	22-FEB-2002	(first entry)		
XX	XX			
DE	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.			
XX	XX			
XX	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;		
XX	XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;		
XX	XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.		
XX	OS	Homo sapiens.		
XX	OS	Homo sapiens.		
PN	WO200177384-A2.			
XX	XX			
PD	18-OCT-2001.			
XX	XX			
DT	22-FEB-2002	(first entry)		
XX	XX			
DE	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.			
XX	XX			
XX	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;		
XX	XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;		
XX	XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.		
XX	OS	Homo sapiens.		
XX	OS	Homo sapiens.		
PN	WO200177384-A2.			
XX	XX			
PD	18-OCT-2001.			
XX	XX			
DT	22-FEB-2002	(first entry)		
XX	XX			
DE	Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.			
XX	XX			
XX	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;		
XX	XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;		
XX	XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.		
XX	OS	Homo sapiens.		
XX	OS			


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SQ Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 960 CTACCAACG 968
Db 1 CTACCAACG 9
RESULT 2810
ABC42332
ID ABC42332 standard; DNA; 13 BP.
XX AC ABC42332;
XX AC ABC42332;
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 42349 for detecting SNP TSC0012636.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
PS Claim 1; SEQ ID NO 42349; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
Db 4 TTAATGTAT 12
RESULT 2811
ABC94238/c
ID ABC94238 standard; DNA; 13 BP.
XX AC ABC94238;
XX AC ABC94238;
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 94544 for detecting SNP TSC0023573.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
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XX WO200177384-A2.
PN
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 94544; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 948 TTTAATGTA 956
Db 9 TTTAATGTA 1
|||||
XX
RESULT 2813
ABC95566
ID ABC95566 standard; DNA; 13 BP.
XX
AC ABC95566;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 95583 for detecting SNP TSC0023786.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX
```

```
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 95583; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 943 ATTGGTTTA 951
Db 5 ATTGGTTTA 13
|||||
XX
RESULT 2814
ABC95567/C
ID ABC95567 standard; DNA; 13 BP.
XX
AC ABC95567;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 95584 for detecting SNP TSC0023786.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 95584; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX
```

CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX
 SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
 |||||
 9 ATTGGTTTA 1

RESULT 2815

ABC28027/C
 ID ABC28027 standard; DNA; 13 BP.

XX
 AC ABC28027;

XX
 DT 20-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 28044 for detecting SNP TSC0007916.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 28044; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 5 C; 0 G; 3 T; 0 U; 0 Other;

XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 946 GGTTTAATG 954

Db |||||
 13 GGTTTAATG 5

RESULT 2816

ABC54407/C
 ID ABC54407 standard; DNA; 13 BP.

XX
 AC ABC54407;

XX
 DT 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 54424 for detecting SNP TSC0014927.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 54424; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956

Db |||||
 12 TTTAATGTA 4

RESULT 2817

ABC05358
 ID ABC05358 standard; DNA; 13 BP.

XX
 AC ABC05358;

XX
 DT 20-FEB-2002 (first entry)

XX
DE Oligonucleotide SEQ ID NO 5349 for detecting SNP TSC0001808.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 5349; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 0 A; 1 C; 4 G; 7 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 908 TTTTCTTTGGT 918
XX
DB 3 TTTTCGTTGGY 13
XX
RESULT 2818
ABF07561
ID ABF07561 standard; DNA; 13 BP.
XX
AC ABF07561;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 107558 for detecting SNP TSC0026929.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX

PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 107558; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 7 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 930 ATCCCTCCT 938
XX
DB 1 ATCCCTCCT 9
XX
RESULT 2819
ABF08512/C
ID ABF08512 standard; DNA; 13 BP.
XX
AC ABF08512;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 108509 for detecting SNP TSC0027145.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX PS Claim 1; SEQ ID NO 108509; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 1 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAA 966
Db 13 CGCTACCAA 5
|||||
RESULT 2820
ABC34442
ID ABC34442 standard; DNA; 13 BP.
XX AC ABC34442;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 34459 for detecting SNP TSC0010989.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 34459; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 1 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAA 966
Db 13 CGCTACCAA 5
|||||
RESULT 2820
ABC34442
ID ABC34442 standard; DNA; 13 BP.
XX AC ABC34442;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 34459 for detecting SNP TSC0010989.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 34459; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 2 TTTAATGTA 10
|||||
RESULT 2821
ABC62783
ID ABC62783 standard; DNA; 13 BP.
XX AC ABC62783;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 62800 for detecting SNP TSC0016627.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 62800; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 3 A; 3 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934
Db 5 TTTTATCCC 13
|||||

RESULT 2822
 ABC63293/C
 ID ABC63293 standard; DNA; 13 BP.
 XX
 AC ABC63293;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 63310 for detecting SNP TSC0016726.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 FN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIC-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 63310; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 7 A; 4 C; 0 G; 2 T; 0 U; 0 Other;
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 7 A; 4 C; 0 G; 2 T; 0 U; 0 Other;
 XX
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 947 GTTAAATGT 955
 DB 13 GTTAAATGT 5
 RESULT 2823
 ABF14655/C
 ID ABF14655 standard; DNA; 13 BP.
 XX
 AC ABF14655;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 114652 for detecting SNP TSC0028702.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIC-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 114652; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
 XX
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 DB 10 TTGGTTTAA 2
 RESULT 2824
 ABF15154
 ID ABF15154 standard; DNA; 13 BP.
 XX
 AC ABF15154;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 115151 for detecting SNP TSC0028850.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 FN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIC-) EPIGENOMICS AG.


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Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 TCCCTCCTC 939
Db 10 TCCCTCCTC 2

RESULT 2827
ABF27228
ID ABF27228 standard; DNA; 13 BP.
XX AC
XX ABF27228;
XX DT
XX 21-FEB-2002 (first entry)
XX DE
XX Oligonucleotide SEQ ID NO 127225 for detecting SNP TSC0031843.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX WO200177384-A2.
XX PN
XX 18-OCT-2001.
XX PD
XX 06-APR-2001; 2001WO-IB000713.
XX PF
XX 07-APR-2000; 2000DE-01019173.
XX PR
XX (EPIC-) EPIGENOMICS AG.
XX PA
XX Olek A, Piepenbrock C, Berlin K;
XX PI
XX WPI; 2001-657177/75.
XX DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX PT
XX Claim 1; SEQ ID NO 127225; 29pp + Sequence Listing; German.
XX PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989, and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX CC
XX Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989, and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX CC
XX Query Match      12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
Db 4 TTGGTTTAA 12

RESULT 2828
ABF30874/c
ID ABF30874 standard; DNA; 13 BP.
XX AC
XX ABF30874;
XX DT
XX 21-FEB-2002 (first entry)
XX DE
XX Oligonucleotide SEQ ID NO 132749 for detecting SNP TSC0033106.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX WO200177384-A2.
XX PN

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XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 132749; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 7 A; 0 C; 1 G; 5 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
Db 1 TTAATGTAT 9
RESULT 2830
ID ABF40352 standard; DNA; 13 BP.
XX ABF40352;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 140349 for detecting SNP TSC0035179.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 132749; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 7 A; 0 C; 1 G; 5 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
Db 1 TTAATGTAT 9
RESULT 2831
ID ABF67405 standard; DNA; 13 BP.
XX ABF67405;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 157402 for detecting SNP TSC0041907.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 167402; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 4 A; 1 C; 5 G; 2 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 956 ATCGCTACCAA 966
Db 13 RTCGCTCCCAA 3
RESULT 2831
ID ABF67405 standard; DNA; 13 BP.
XX ABF67405;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 157402 for detecting SNP TSC0041907.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 167402; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCT 935

Db 1 TTTATCCCT 9

RESULT 2832

ABH18783/C

ID ABH18783 standard; DNA; 13 BP.

XX AC ABH18783;

XX DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 218760 for detecting SNP TSC0053206.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX

OS Homo sapiens.

PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 218760; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

SQ Sequence 13 BP; 7 A; 4 C; 1 G; 0 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTC 919

Db 11 TTTCGTTGGTY 1

RESULT 2833

ABF69193

ID ABF69193 standard; DNA; 13 BP.

XX AC ABF69193;

XX DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 169190 for detecting SNP TSC0042274.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.

XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 169190; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

SQ Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTATCCCT 934

Db 5 TTTATCCCT 13

RESULT 2834

ABF6352

ID ABF6352 standard; DNA; 13 BP.

XX AC ABF6352;

XX DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 196349 for detecting SNP TSC0048329.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTTAT 957
 Db 4 TTAATGTTAT 12
 |||||

RESULT 2837
 ABF74096/c
 ID ABF74096 standard; DNA; 13 BP.
 AC ABF74096;
 XX 22-FEB-2002 (first entry)
 DT
 DE Oligonucleotide SEQ ID NO 174093 for detecting SNP TSC0043318.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 174093; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
 Db 13 CTTTATCC 5
 |||||

RESULT 2838
 ABF50939/c
 ID ABF50939 standard; DNA; 13 BP.
 XX ABF50939;
 AC ABF50939;
 XX 21-FEB-2002 (first entry)
 DT
 DE Oligonucleotide SEQ ID NO 150936 for detecting SNP TSC0038101.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 150936; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGTTTA 951
 Db 12 ATTGTTTA 4
 |||||

RESULT 2839


```
ABF79809
ID ABF79809 standard; DNA; 13 BP.
XX
AC ABF79809;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 179806 for detecting SNP TSC0044526.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 206788; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTTCTT 914
DB 1 CATTTTCTT 9
RESULT 2840
ABH06811/C
ID ABH06811 standard; DNA; 13 BP.
XX
AC ABH06811;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206788 for detecting SNP TSC0050594.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 179806; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTTCTT 914
DB 1 CATTTTCTT 9
RESULT 2840
ABH06811/C
ID ABH06811 standard; DNA; 13 BP.
XX
AC ABH06811;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206788 for detecting SNP TSC00006026.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
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XX DR WPI; 2001-657177/75.
XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX
XX PS Claim 1; SEQ ID NO 185208; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 8 A; 3 C; 0 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 944 TTGGTTTAA 952
XX Db 9 TTGGTTTAA 1
XX
XX RESULT 2842
XX ABF87395/c
XX ID ABF87395 standard; DNA; 13 BP.
XX
XX AC ABF87395;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 187392 for detecting SNP TSC0046193.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX OS WPI; 2001-657177/75.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX OS WPI; 2001-657177/75.
XX
XX PN Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PN designed to detect single-nucleotide polymorphisms and cytosine
XX PN methylation status.
XX
XX PS Claim 1; SEQ ID NO 187392; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 8 A; 3 C; 0 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 944 TTGGTTTAA 952
XX Db 9 TTGGTTTAA 1
XX
XX RESULT 2842
XX ABF87395/c
XX ID ABF87395 standard; DNA; 13 BP.
XX
XX AC ABF87395;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 187392 for detecting SNP TSC0046193.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX OS WPI; 2001-657177/75.
XX
XX PN Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PN designed to detect single-nucleotide polymorphisms and cytosine
XX PN methylation status.
XX
XX PS Claim 1; SEQ ID NO 187392; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 8 A; 3 C; 0 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 944 TTGGTTTAA 952
XX Db 9 TTGGTTTAA 1
XX
XX RESULT 2843
XX ABF64049/c
XX ID ABF64049 standard; DNA; 13 BP.
XX
XX AC ABF64049;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 164046 for detecting SNP TSC0005349.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX OS WPI; 2001-657177/75.
XX
XX PN Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PN designed to detect single-nucleotide polymorphisms and cytosine
XX PN methylation status.
XX
XX PS Claim 1; SEQ ID NO 164046; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATCT 955
Db 11 GTTTAATCT 3
RESULT 2844
ABF92043
ID ABF92043 standard; DNA; 13 BP.
XX AC ABF92043;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 192040 for detecting SNP TSC0047247.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 192040; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 1 C; 0 G; 10 T; 0 U; 1 Other;
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 1 C; 0 G; 10 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCTTT 915
Db 3 ATTTCTTT 11
RESULT 2845
ABH45813/C
ID ABH45813 standard; DNA; 13 BP.
XX AC ABH45813;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 257893 for detecting SNP TSC0007418.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 245790; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 943 ATTTGTTTA 951
Db 9 ATTTGTTTA 1
RESULT 2846
ABH57916
ID ABH57916 standard; DNA; 13 BP.
XX AC ABH57916;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 257893 for detecting SNP TSC0007418.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
```

XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 257893; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 Db 5 TTGGTTTAA 13
 RESULT 2847
 ABH61170
 ID ABH61170 standard; DNA; 13 BP.
 AC ABH61170;
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 261147 for detecting SNP TSC0063421.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PT methylation status.
 XX Claim 1; SEQ ID NO 261147; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 2 TTTAATGTA 10
 RESULT 2848
 ABH61416
 ID ABH61416 standard; DNA; 13 BP.
 AC ABH61416;
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 261393 for detecting SNP TSC0063448.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 261393; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence

CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAAATGT 955
|||||
Db 4 GTTAAATGT 12

RESULT 2849
ABC43717/c
ID ABC43717 standard; DNA; 13 BP.
XX
AC ABC43717;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 43734 for detecting SNP TSC0012908.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 43734; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
|||||
Db 12 ATTGGTTTA 4

RESULT 2850
ABC73752
ID ABC73752 standard; DNA; 13 BP.
XX
AC ABC73752;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 73769 for detecting SNP TSC0018997.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 73769; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
|||||
Db 5 TTGGTTTAA 13

RESULT 2851
ABC74363/c
ID ABC74363 standard; DNA; 13 BP.
XX
AC ABC74363;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 74380 for detecting SNP TSC0019118.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX Homo sapiens.
 XX
 XX WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
 XX
 XX PF 06-APR-2001; 2001WO-IB0000713.
 XX
 XX PR 07-APR-2000; 2000DE-01019173.
 XX
 XX PA (EPIG-) EPIGENOMICS AG.
 XX
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX
 XX DR WPI; 2001-657177/75.
 XX
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 XX PS Claim 1; SEQ ID NO 74380; 29pp + Sequence Listing; German.
 XX
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 XX SQ Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX QY 944 TTGGTTTAA 952
 XX 10 TTGGTTTAA 2
 XX
 XX RESULT 2852
 XX ABC32664
 XX ID ABC32664 standard; DNA; 13 BP.
 XX
 XX AC ABC32664;
 XX
 XX DT 20-FEB-2002 (first entry)
 XX
 XX DE Oligonucleotide SEQ ID NO 32681 for detecting SNP TSC0010212.
 XX
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
 XX
 XX PF 06-APR-2001; 2001WO-IB0000713.
 XX
 XX PR 07-APR-2000; 2000DE-01019173.
 XX
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic

PA (EPIG-) EPIGENOMICS AG.
 XX
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX
 XX DR WPI; 2001-657177/75.
 XX
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 XX PS Claim 1; SEQ ID NO 32681; 29pp + Sequence Listing; German.
 XX
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 XX SQ Sequence 13 BP; 3 A; 0 C; 0 G; 9 T; 0 U; 1 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 XX
 XX QY 948 TTTAATGATATC 958
 XX 3 TTTAATTATY 13
 XX
 XX RESULT 2853
 XX ABC84875/c
 XX ID ABC84875 standard; DNA; 13 BP.
 XX
 XX AC ABC84875;
 XX
 XX DT 21-FEB-2002 (first entry)
 XX
 XX DE Oligonucleotide SEQ ID NO 84892 for detecting SNP TSC0021357.
 XX
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
 XX
 XX PF 06-APR-2001; 2001WO-IB0000713.
 XX
 XX PR 07-APR-2000; 2000DE-01019173.
 XX
 XX PA (EPIG-) EPIGENOMICS AG.
 XX
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX
 XX DR WPI; 2001-657177/75.
 XX
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 XX PS Claim 1; SEQ ID NO-84892; 29pp + Sequence Listing; German.
 XX
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
CC
SQ Sequence 13 BP; 8 A; 2 C; 0 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTCATC 958
Db 11 TTTAATGTCATC 1

RESULT 2854
ABF10144
ID ABF10144 standard; DNA; 13 BP.
XX
AC ABF10144;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 110141 for detecting SNP TSC0027515.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 110141; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: the sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
CC
SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTCAT 957
Db 4 TTAATGTCAT 12

RESULT 2855
ABC37554/C
ID ABC37554 standard; DNA; 13 BP.
XX
AC ABC37554;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 37571 for detecting SNP TSC0011694.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 37571; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
CC
SQ Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
Db 10 ATTTCCTTT 2

RESULT 2856
ABF15968
ID ABF15968 standard; DNA; 13 BP.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX
PS Claim 1; SEQ ID NO 131466; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 0 C; 0 G; 7 T; 0 U; 1 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 947 GTTAAAGTAT 957
Db :|||||
1 RTTAAATTAT 11

RESULT 2859
ABF33098
ID ABF33098 standard; DNA; 13 BP.
XX
AC ABF33098;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 133095 for detecting SNP TSC0033208.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 133095; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTCTTTGGT 918
Db :|||||
3 TTTTCTTTGGY 13

RESULT 2860
ABF40970/C
ID ABF40970 standard; DNA; 13 BP.
XX
XX ABF40970;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 140967 for detecting SNP TSC0035329.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 140967; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 10 A; 0 C; 1 G; 2 T; 0 U; 0 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY      907 ATTTCCTTT 915
Db      12 ATTTCCTTT 4
|||||
RESULT 2861
ABF50637/C
ID      ABF50637 standard; DNA; 13 BP.
XX
AC      ABF50637;
XX
DT      21-FEB-2002 (first entry)
XX
DE      Oligonucleotide SEQ ID NO 150634 for detecting SNP TSC0038014.
XX
KW      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW      peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW      central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS      Homo sapiens.
XX
PN      WO200177384-A2.
XX
PD      18-OCT-2001.
XX
PF      06-APR-2001; 2001WO-IB000713.
XX
PR      07-APR-2000; 2000DE-01019173.
XX
PA      (EPIG-) EPIGENOMICS AG.
XX
PI      Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 150634; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      948 TTAAATGTA 956
Db      12 TTAAATGTA 4
|||||
RESULT 2862
ABF53615/C
ID      ABF53615 standard; DNA; 13 BP.
XX
AC      ABF53615;
XX
DT      21-FEB-2002 (first entry)
XX

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DE      Oligonucleotide SEQ ID NO 153612 for detecting SNP TSC0038839.
XX
KW      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW      peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW      central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS      Homo sapiens.
XX
PN      WO200177384-A2.
XX
PD      18-OCT-2001.
XX
PF      06-APR-2001; 2001WO-IB000713.
XX
PR      07-APR-2000; 2000DE-01019173.
XX
PA      (EPIG-) EPIGENOMICS AG.
XX
PI      Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 153612; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
Sequence 13 BP; 9 A; 3 C; 0 G; 0 T; 0 U; 1 Other;
XX
Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      909 TTCTTTGTC 919
Db      11 TTCTTTGTC 1
|||||
RESULT 2863
ABH37379/C
ID      ABH37379 standard; DNA; 13 BP.
XX
AC      ABH37379;
XX
DT      22-FEB-2002 (first entry)
XX
DE      Oligonucleotide SEQ ID NO 237356 for detecting SNP TSC0057892.
XX
KW      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW      peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW      central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS      Homo sapiens.
XX
PN      WO200177384-A2.
XX
PD      18-OCT-2001.
XX
PF      06-APR-2001; 2001WO-IB000713.

```

XX 07-APR-2000; 2000DE-01019173.
 XX (EPiG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 237356; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 13 TTTAATGTA 5
 RESULT 2864
 ABF87390
 ID ABF87390 standard; DNA; 13 BP.
 XX AC ABF87390;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 187387 for detecting SNP TSC0046193.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPiG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 187387; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 DB 5 TTGGTTTAA 13
 RESULT 2865
 ABH53730/C
 ID ABH53730 standard; DNA; 13 BP.
 XX AC ABH53730;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 253707 for detecting SNP TSC0010907.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPiG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 253707; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at

```
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 11 A; 0 C; 1 G; 1 T; 0 U; 0 Other;
  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 907 ATTTCCTTT 915
Db 12 ATTTCCTTT 4

RESULT 2866
ABH56164/C
ID ABH56164 standard; DNA; 13 BP.
XX
AC ABH56164;
XX
XX 22-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 256141 for detecting SNP TSC0062412.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 256141; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 4 G; 4 T; 0 U; 1 Other;
  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCA 943
Db 12 TCCTCTTCA 4

RESULT 2866
ABH56164/C
ID ABH56164 standard; DNA; 13 BP.
XX
AC ABH56164;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 72169 for detecting SNP TSC0018648.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 94256; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 1 C; 0 G; 11 T; 0 U; 0 Other;
  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 907 ATTTCCTTT 915
Db 1 ATTTCCTTT 9

RESULT 2868
ABC72152
ID ABC72152 standard; DNA; 13 BP.
XX
AC ABC72152;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 72169 for detecting SNP TSC0018648.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
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XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 72169; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI02073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 948 TTTAATGTA 956
Db 3 TTTAATGTA 11
|||||
XX
RESULT 2869
ABC73753/C
XX ID ABC73753 standard; DNA; 13 BP.
XX AC ABC73753;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 73770 for detecting SNP TSC0018997.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 24405; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI02073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 948 TTTAATGTA 956
Db 3 TTTAATGTA 11
|||||
XX
RESULT 2870
ABC24388
XX ID ABC24388 standard; DNA; 13 BP.
XX AC ABC24388;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 24405 for detecting SNP TSC0005820.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 24405; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI02073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 944 TTGGTTTAA 952
Db 9 TTGGTTTAA 1
|||||
XX

```

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
DB 5 TTGGTTTAA 13

RESULT 2871
ABC26261
ID ABC26261 standard; DNA; 13 BP.
XX AC ABC26261;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 26278 for detecting SNP TSC0006895.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 26278; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
DB 5 TTGGTTTAA 13

RESULT 2871
ABC26261
ID ABC26261 standard; DNA; 13 BP.
XX AC ABC26261;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 26278 for detecting SNP TSC0006895.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 26278; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
DB 5 TTGGTTTAA 13

RESULT 2871
ABC26261
ID ABC26261 standard; DNA; 13 BP.
XX AC ABC26261;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 26278 for detecting SNP TSC0006895.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 26278; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTTCATT 945
DB 2 CTCCTTCATT 10

RESULT 2872
ABC58871
ID ABC58871 standard; DNA; 13 BP.
XX AC ABC58871;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 58888 for detecting SNP TSC0015775.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 58888; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 6 C; 1 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 923 GCCTTTTATCC 933
DB 1 RCTTTTATCC 11

RESULT 2873
ABC58963
ID ABC58963 standard; DNA; 13 BP.
XX AC ABC58963;
XX

XX	21-FEB-2002	(first entry)	
XX	DT		
XX	DE		
XX	DE		
XX	DE		
XX	KW	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;	
XX	KW	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	
XX	KW	central nervous system; gastrointestinal; respiratory; immune; metabolic.	
XX	OS	Homo sapiens.	
XX	WO	200177384-A2.	
XX	PN		
XX	PD	18-OCT-2001.	
XX	XX		
XX	PF	06-APR-2001; 2001WO-IB000713.	
XX	PR	07-APR-2000; 2000DE-01019173.	
XX	XX	(EPIG-) EPIGENOMICS AG.	
XX	PA		
XX	PI	Olek A, Piepenbrock C, Berlin K;	
XX	DR	WPI; 2001-657177/75.	
XX	XX		
XX	PT	Set of oligonucleotides, useful for diagnosis and cell typing, is	
XX	PT	designed to detect single-nucleotide polymorphisms and cytosine	
XX	PT	methylation status.	
XX	XX		
XX	PS	Claim 1; SEQ ID NO 58980; 29pp + Sequence Listing; German.	
XX	XX		
XX	CC	This invention describes novel oligonucleotide primers or peptide nucleic	
XX	CC	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
XX	CC	and cytosine methylation status in chemically pretreated genomic DNA. The	
XX	CC	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
XX	CC	range of diseases including immune system, gastrointestinal, respiratory,	
XX	CC	central nervous system, cardiovascular and metabolic disorders. The	
XX	CC	oligomers are also used for detecting cell type differentiation. ABC00010	
XX	CC	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073	
XX	CC	represent the oligomers described in the invention. NOTE: The sequence	
XX	CC	data for this patent did not form part of the printed specification, but	
XX	CC	was obtained in electronic format from WIPO at	
XX	CC	ftp.wipo.int/pub/published_pct_sequences	
XX	XX		
XX	SQ	Sequence 13 BP; 1 A; 4 C; 0 G; 7 T; 0 U; 1 Other;	
	Query Match	12.3%; Score 9; DB 1; Length 13;	
	Best Local Similarity	100.0%; Pred. No. 1.5e+03;	
	Matches	9; Conservative 0; Mismatches 0; Indels 0; Gaps 0	
QY		907 ATTTCCTTT 915	
Db		2 ATTTCCTTT 10	
RESULT 2874			
ABC10608			
ID		ABC10608 standard; DNA; 13 BP.	
XX			
AC		ABC10608;	
XX			
DT		20-FEB-2002 (first entry)	
XX			
DE		Oligonucleotide SEQ ID NO 10599 for detecting SNP TSC0002667.	
XX			
XX		SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;	
XX		peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	
XX		central nervous system; gastrointestinal; respiratory; immune; metabolic.	
XX		Homo sapiens.	
XX			
XX		WO200177384-A2.	
XX			

PT designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.

PS Claim 1; SEQ ID NO 11801; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958

Db 3 TTGAATGTATY 13

RESULT 2876

ABC61054
 ID ABC61054 standard; DNA; 13 BP.

XX AC ABC61054;

XX DT 21-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 61071 for detecting SNP TSC0016269.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 61071; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTGA 956

Db 2 TTTAATGTGA 10

RESULT 2877

ABF11491
 ID ABF11491 standard; DNA; 13 BP.

XX AC ABF11491;

XX DT 21-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 111488 for detecting SNP TSC0027841.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 111488; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 1 A; 3 C; 0 G; 8 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915

Db 2 ATTTCTTT 10

RESULT 2878

ABC86571

ID ABC86571 standard; DNA; 13 BP.

AC ABC86571;

XX

DT 21-FEB-2002 (first entry)

XX

DE Oligonucleotide SEQ ID NO 86588 for detecting SNP TSC0021760.

XX

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

WO200177384-A2.

XX

18-OCT-2001.

XX

06-APR-2001; 2001WO-IB000713.

XX

07-APR-2000; 2000DE-01019173.

XX

(EPIG-) EPIGENOMICS AG.

XX

Olek A, Piepenbrock C, Berlin K;

XX

WPI; 2001-657177/75.

XX

Set of oligonucleotides, useful for diagnosis and cell typing, is

PT designed to detect single-nucleotide polymorphisms and cytosine

PT methylation status.

XX

Claim 1; SEQ ID NO 86588; 29pp + Sequence Listing; German.

XX

This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

CC range of diseases including immune system, gastrointestinal, respiratory,

CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence

CC data for this patent did not form part of the printed specification, but

CC was obtained in electronic format from WIPO at

CC ftp.wipo.int/pub/published_pct_sequences

XX

Sequence 13 BP; 2 A; 7 C; 0 G; 4 T; 0 U; 0 Other;

SQ

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 934 CTCCTCTTC 942

Db 3 CTCCTCTTC 11

XX

RESULT 2879

ABC13536/c

ID ABC13536 standard; DNA; 13 BP.

XX

AC ABC13536;

XX

20-FEB-2002 (first entry)

XX

Oligonucleotide SEQ ID NO 13543 for detecting SNP TSC0003129.

XX

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

WO200177384-A2.

XX

18-OCT-2001.

XX

06-APR-2001; 2001WO-IB000713.

XX

07-APR-2000; 2000DE-01019173.

XX

(EPIG-) EPIGENOMICS AG.

XX

Olek A, Piepenbrock C, Berlin K;

XX

WPI; 2001-657177/75.

XX

Set of oligonucleotides, useful for diagnosis and cell typing, is

PT designed to detect single-nucleotide polymorphisms and cytosine

PT methylation status.

XX

Claim 1; SEQ ID NO 86588; 29pp + Sequence Listing; German.

XX

This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

CC range of diseases including immune system, gastrointestinal, respiratory,

CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence

CC data for this patent did not form part of the printed specification, but

CC was obtained in electronic format from WIPO at

CC ftp.wipo.int/pub/published_pct_sequences

XX

Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

SQ

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 906 CATTTCCTT 914

Db 13 CATTTCCTT 5

XX

RESULT 2880

ABC65875/c

ID ABC65875 standard; DNA; 13 BP.

XX

AC ABC65875;

XX

21-FEB-2002 (first entry)

XX

Oligonucleotide SEQ ID NO 65892 for detecting SNP TSC0017344.

XX

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

WO200177384-A2.

XX

18-OCT-2001.

XX

06-APR-2001; 2001WO-IB000713.

XX

07-APR-2000; 2000DE-01019173.

XX

XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 65892; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 3 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 948 TTTAATGTATC 958
 DB 11 TTTAATGTATY 1
 RESULT 2881
 ABF18548/C
 ID ABF18548 standard; DNA; 13 BP.
 XX AC ABF18548;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 118545 for detecting SNP TSC0029612.
 XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 118545; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTCCTTT 915
 DB 12 ATTTCCTTT 4
 RESULT 2882
 ABF27201/C
 ID ABF27201 standard; DNA; 13 BP.
 XX AC ABF27201;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 127198 for detecting SNP TSC0031833.
 XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 127198; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 945 TGGTTTAAAT 953
 DB 13 TGGTTTAAAT 5
 RESULT 2883
 ABF33096
 ID ABF33096 standard; DNA; 13 BP.
 AC ABF33096;
 XX
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 133093 for detecting SNP TSC0033208.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 133093; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 0 A; 0 C; 4 G; 8 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 908 TTTTCTTTGGT 918
 DB 3 TTTTCTTTGGY 13
 RESULT 2884
 ABF42120
 ID ABF42120 standard; DNA; 13 BP.
 AC ABF42120;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 142117 for detecting SNP TSC0035591.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 142117; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 949 TTAATGCTAT 957
 DB 3 TTAATGCTAT 11
 RESULT 2895
 ABH20250
 ID ABH20250 standard; DNA; 13 BP.
 AC ABH20250;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 220227 for detecting SNP TSC0053597.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.

CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 8 A; 3 C; 0 G; 1 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
 Db 11 TTTTCTTTGGY 1

RESULT 2888
 ABF98783/c
 ID ABF98783 standard; DNA; 13 BP.
 XX AC ABF98783;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 198780 for detecting SNP TSC0048916.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 198780; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 8 A; 3 C; 0 G; 1 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
 Db 11 TTTTCTTTGGY 1

RESULT 2889
 ABF99178
 ID ABF99178 standard; DNA; 13 BP.
 XX AC ABF99178;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 199175 for detecting SNP TSC0049015.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 199175; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTTAATGTA 956
 Db 1 TTTTAATGTA 9

RESULT 2890
 ABH26995
 ID ABH26995 standard; DNA; 13 BP.
 XX AC ABH26995;
 XX DT 22-FEB-2002 (first entry)

XX
DE Oligonucleotide SEQ ID NO 226972 for detecting SNP TSC0055338.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
PN WO200177384-A2.
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 226972; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 907 ATTTCCTTT 915
Db 2 ATTTCCTTT 10
|||||
RESULT 2891
ABF78787
ID ABF78787 standard; DNA; 13 BP.
XX
AC ABF78787;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 178784 for detecting SNP TSC0007797.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
PN WO200177384-A2.
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 226972; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 907 ATTTCCTTT 915
Db 2 ATTTCCTTT 10
|||||
RESULT 2891
ABF78787
ID ABF78787 standard; DNA; 13 BP.
XX
AC ABF78787;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 178784 for detecting SNP TSC0007797.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
PN WO200177384-A2.
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 178784; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 926 TTTTATCCC 934
Db 2 TTTTATCCC 10
|||||
RESULT 2892
ABH29133/C
ID ABH29133 standard; DNA; 13 BP.
XX
AC ABH29133;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 229110 for detecting SNP TSC0055895.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
PN WO200177384-A2.
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

```
XX PS Claim 1; SEQ ID NO 229110; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 948 TTTAATGTA 956
XX Db 12 TTTAATGTA 4
XX
XX RESULT 2893
XX ABF54385/C
XX ID ABF54385 standard; DNA; 13 BP.
XX AC ABF54385;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 154382 for detecting SNP TSC0039008.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 154382; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 948 TTTAATGTA 956
XX Db 12 TTTAATGTA 4
XX
XX RESULT 2893
XX ABF54385/C
XX ID ABF54385 standard; DNA; 13 BP.
XX AC ABF54385;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 154382 for detecting SNP TSC0039008.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 154382; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 907 ATTTCCTTT 915
XX Db 12 ATTTCCTTT 4
XX
```

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CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 7 A; 4 C; 1 G; 0 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX Qy 902 TGGTCATTTC 912
XX Db 11 TGGTCGTTTT 1
XX
XX RESULT 2894
XX ABH36950/C
XX ID ABH36950 standard; DNA; 13 BP.
XX AC ABH36950;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 236927 for detecting SNP TSC0057806.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 236927; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 0 C; 2 G; 2 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 907 ATTTCCTTT 915
XX Db 12 ATTTCCTTT 4
XX
```

RESULT 2895
ABF91581/c
ID ABF91581 standard; DNA; 13 BP.
XX
AC ABF91581;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 191578 for detecting SNP TSC0047142.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 191578; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 949 TTAATGTAT 957
DB 12 TTAATGTAT 4
XX
RESULT 2896
ABH48162
ID ABH48162 standard; DNA; 13 BP.
XX
AC ABH48162;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 248139 for detecting SNP TSC0060641.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 248139; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 947 GTTAAATGT 955
DB 1 GTTAAATGT 9
XX
RESULT 2897
ABH49387/c
ID ABH49387 standard; DNA; 13 BP.
XX
AC ABH49387;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 249364 for detecting SNP TSC0060911.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.


```
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 249364; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABJ00010-ABJ82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 5 C; 0 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAAATGT 955
DB 12 GTTAAATGT 4
|||||||

RESULT 2898
ABH64320/c
ID ABH64320 standard; DNA; 13 BP.
XX AC ABH64320;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 264297 for detecting SNP TSC0064041.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 264297; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABJ00010-ABJ82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 5 C; 0 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAAATGT 955
DB 12 GTTAAATGT 4
|||||||

RESULT 2898
ABH64320/c
ID ABH64320 standard; DNA; 13 BP.
XX AC ABH64320;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 264297 for detecting SNP TSC0064041.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
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XX PI Olek A, Piepenbrock C, Berlin K;
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XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 264297; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABJ00010-ABJ82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 5 C; 0 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 960 CTACCAACG 968
DB 13 CTACCAACG 5
|||||||

RESULT 2899
ABC42712/c
ID ABC42712 standard; DNA; 13 BP.
XX AC ABC42712;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 42729 for detecting SNP TSC0012716.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 42729; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABJ00010-ABJ82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 6 G; 3 T; 0 U; 0 Other;
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Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 CCTCTTCAT 944
DB 12 CCTCTTCAT 4

RESULT 2900
ABC68720/c
ID ABC68720 standard; DNA; 13 BP.
XX
AC ABC68720;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 68737 for detecting SNP TSC0017910.
XX
KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 68737; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCTTT 915
DB 9 ATTTCTTT 1

RESULT 2901
ABC69616/c
ID ABC69616 standard; DNA; 13 BP.
XX
AC ABC69616;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 47630 for detecting SNP TSC0013655.
XX
KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX

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AC ABC69616;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 69633 for detecting SNP TSC0018115.
XX
KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 69633; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
Sequence 13 BP; 8 A; 0 C; 1 G; 4 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCTTT 915
DB 12 ATTTCTTT 4

RESULT 2902
ABC47613
ID ABC47613 standard; DNA; 13 BP.
XX
AC ABC47613;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 47630 for detecting SNP TSC0013655.
XX
KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX

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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 0 G; 8 T; 0 U; 1 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGATC 958
DB 3 TTTAATATATY 13
|||||
|||||

RESULT 2905
ABC79138
ID ABC79138 standard; DNA; 13 BP.
XX
AC ABC79138;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 79155 for detecting SNP TSC0020133.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 79155; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
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DB 1 TTTAATGTA 9
|||||
|||||

RESULT 2906
ABC07318/C
ID ABC07318 standard; DNA; 13 BP.
XX
AC ABC07318;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 7309 for detecting SNP TSC0002136.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 7309; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTTCT 913
DB 10 TCATTTTCT 2
|||||
|||||

RESULT 2907
ABF07560/C
ID ABF07560 standard; DNA; 13 BP.
XX
AC ABF07560;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 107557 for detecting SNP TSC0026929.
```

```
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 107557; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 0 C; 7 G; 3 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 930 ATCCCTCCT 938
Db 13 ATCCCTCCT 5
RESULT 2908
ABC57582
ID ABC57582 standard; DNA; 13 BP.
XX
XX ABC57582;
AC
XX
XX 21-FEB-2002 (first entry)
DT
XX
XX Oligonucleotide SEQ ID NO 57599 for detecting SNP TSC0015534.
DE
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
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PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 57599; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTAAATGTA 956
Db 3 TTAAATGTA 11
RESULT 2909
ABF08513
ID ABF08513 standard; DNA; 13 BP.
XX
XX ABF08513;
AC
XX
XX 21-FEB-2002 (first entry)
DT
XX
XX Oligonucleotide SEQ ID NO 108510 for detecting SNP TSC0027145.
DE
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
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PT methylation status.
XX
XX Claim 1; SEQ ID NO 108510; 29pp + Sequence Listing; German.
XX
XX
```

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CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
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CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 4 C; 1 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAA 966
DB 1 CGCTACCAA 9
|||||||
RESULT 2910
ABC58870/C
ID ABC58870 standard; DNA; 13 BP.
XX
AC ABC58870;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 5887 for detecting SNP TSC0015775.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 5887; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX

XX
SQ Sequence 13 BP; 4 A; 1 C; 6 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 923 GCCTTTATCC 933
DB 13 RCCTTTATCCC 3
|||||||
RESULT 2911
ABC34443/C
ID ABC34443 standard; DNA; 13 BP.
XX
AC ABC34443;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 34460 for detecting SNP TSC0010989.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 34460; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 12 TTTAATGTA 4
|||||||
RESULT 2912

```

ABC63292
ID ABC63292 standard; DNA; 13 BP.
XX AC ABC63292;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 63309 for detecting SNP TSC0016726.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WIPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 63309; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATGT 955
DB 1 GTTTAATGT 9
RESULT 2913
ABC14398/c
ID ABC14398 standard; DNA; 13 BP.
XX AC ABC14398;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 14405 for detecting SNP TSC0003259.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;

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OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WIPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 14405; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 10 A; 0 C; 1 G; 1 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTTCTTT 915
DB 12 ATTTTCTTT 4
RESULT 2914
ABF27229/c
ID ABF27229 standard; DNA; 13 BP.
XX AC ABF27229;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 127226 for detecting SNP TSC0031843.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;

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XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 127226; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX XX
XX SQ Sequence 13 BP; 0 A; 1 C; 4 G; 7 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 909 TTCTTTGGTC 919
DB 3 TTCTTTGGTY 13
RESULT 2916
ABF69142
ID ABF69142 standard; DNA; 13 BP.
XX AC ABF69142;
XX XX
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 169139 for detecting SNP TSC0042261.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 169139; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX XX
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 944 TTGGTTTAA 952
DB 10 TTGGTTTAA 2
RESULT 2915
ABH18782
ID ABH18782 standard; DNA; 13 BP.
XX AC ABH18782;
XX XX
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 218759 for detecting SNP TSC0053206.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 218759; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 2 A; 2 C; 0 G; 8 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTT 915
|||||||
Db 2 ATTTCCTT 10

RESULT 2922
ABH42698/C
ID ABH42698 standard; DNA; 13 BP.

XX AC ABH42698;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 242675 for detecting SNP TSC0059214.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX FN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

XX PS Claim 1; SEQ ID NO 242675; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCT 913
|||||||
Db 10 TCATTTCT 2

RESULT 2923

ABH45812

ID ABH45812 standard; DNA; 13 BP.

XX AC ABH45812;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 245789 for detecting SNP TSC0060041.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX FN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

XX PS Claim 1; SEQ ID NO 245789; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
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XX SQ Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
|||||||
Db 5 ATTGGTTTA 13

RESULT 2924

ABH48112/C

ID ABH48112 standard; DNA; 13 BP.

XX AC ABH48112;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 248089 for detecting SNP TSC0060629.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 248089; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Sequence 13 BP; 7 A; 0 C; 3 G; 2 T; 0 U; 1 Other;
 XX
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 926 TTTTATCCC 934
 DB |||||
 DB 9 TTTTATCCC 1
 XX
 RESULT 2925
 ABH49518/c
 ID ABH49518 standard; DNA; 13 BP.
 XX
 AC ABH49518;
 XX
 DT 22-FEB-2002 (first entry)
 DE
 DE Oligonucleotide SEQ ID NO 249495 for detecting SNP TSC0060945.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 249495; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Sequence 13 BP; 7 A; 0 C; 3 G; 2 T; 0 U; 1 Other;
 XX
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 926 TTTTATCCC 934
 DB |||||
 DB 9 TTTTATCCC 1
 XX
 RESULT 2925
 ABH49518/c
 ID ABH49518 standard; DNA; 13 BP.
 XX
 AC ABH49518;
 XX
 DT 22-FEB-2002 (first entry)
 DE
 DE Oligonucleotide SEQ ID NO 249495 for detecting SNP TSC0060945.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 256142; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic

PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 249495; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
 XX
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 905 TCATTTCCT 913
 DB |||||
 DB 9 TCATTTCCT 1
 XX
 RESULT 2926
 ABH56165
 ID ABH56165 standard; DNA; 13 BP.
 XX
 AC ABH56165;
 XX
 DT 22-FEB-2002 (first entry)
 DE
 DE Oligonucleotide SEQ ID NO 256142 for detecting SNP TSC0062412.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 256142; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 4 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
Db 2 TCCTCTTCA 10
|||||
|
RESULT 2927
ABH58385/c
ID ABH58385 standard; DNA; 13 BP.
XX
AC ABH58385;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 258362 for detecting SNP TSC0062825.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPFG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 258362; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 3 C; 0 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 947 GTTTAATGAT 957
Db 11 GTTTATTGAT 1
|||||
|
RESULT 2928
ABH64270/c
ID ABH64270 standard; DNA; 13 BP.
XX
AC ABH64270;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 264247 for detecting SNP TSC0064035.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPFG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 264247; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 10 A; 0 C; 1 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCTTT 915
Db 12 ATTTCTTT 4
|||||
|
RESULT 2929
ABC42604
ID ABC42604 standard; DNA; 13 BP.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 68652; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
Db 12 TTAATGTAT 4
|||||
RESULT 2932
ABC9660
ID ABC69660 standard; DNA; 13 BP.
XX
XX ABC69660;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 69677 for detecting SNP TSC0018129.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 69677; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
Db 3 ATTGGTTTA 11
|||||
RESULT 2933
ABC26052
ID ABC26052 standard; DNA; 13 BP.
XX
XX ABC26052;
XX
XX 20-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 26069 for detecting SNP TSC0006742.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 26069; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;


```

XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 82263; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
Db 3 TTAATGTAT 11
|||||
RESULT 2938
ABC57714/c
XX ID ABC57714 standard; DNA; 13 BP.
XX AC ABC57714;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 57731 for detecting SNP TSC0015557.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 57731; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
XX SQ Sequence 13 BP; 4 A; 0 C; 5 G; 3 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 930 ATCCCTCCT 938
Db 10 ATCCCTCCT 2
|||||
RESULT 2937
ABC82246
XX ID ABC82246 standard; DNA; 13 BP.
XX AC ABC82246;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 82263 for detecting SNP TSC0020780.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 82263; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
XX SQ Sequence 13 BP; 4 A; 0 C; 5 G; 3 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 930 ATCCCTCCT 938
Db 10 ATCCCTCCT 2
|||||

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XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 35224; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABCF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 0 C; 2 G; 8 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 948 TTTAATGTC 958
Db 3 TTTAATGTC 13
RESULT 2942
ABC35207/C
ID ABC35207 standard; DNA; 13 BP.
XX AC ABC35207;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 35224 for detecting SNP TSC0011165.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 65891; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABCF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 0 C; 2 G; 8 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 948 TTTAATGTC 958
Db 3 TTTAATGTC 13
RESULT 2943
ABC65874
ID ABC65874 standard; DNA; 13 BP.
XX AC ABC65874;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 65891 for detecting SNP TSC0017344.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 65891; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABCF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 949 TTTAATGTC 957
Db 11 TTTAATGTC 3
RESULT 2943
ABC65874
ID ABC65874 standard; DNA; 13 BP.
XX AC ABC65874;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 65891 for detecting SNP TSC0017344.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 65891; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABCF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 0 C; 1 G; 8 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTATGTATC 958
 Db 3 TTTATGTATY 13

RESULT 2944
 ABF22309
 ID ABF22309 standard; DNA; 13 BP.
 XX
 AC ABF22309;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 122306 for detecting SNP TSC0030566.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPFG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 122306; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 0 A; 8 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTATGTATC 958
 Db 3 TTTATGTATY 13

RESULT 2944
 ABF22309
 ID ABF22309 standard; DNA; 13 BP.
 XX
 AC ABF22309;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 122306 for detecting SNP TSC0030566.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPFG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 122306; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 0 A; 8 C; 0 G; 5 T; 0 U; 0 Other;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 TCCTCTCTC 939
 Db 5 TCCTCTCTC 13

RESULT 2945
 ABF30885
 ID ABF30885 standard; DNA; 13 BP.
 XX
 AC ABF30885;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 130892 for detecting SNP TSC0032668.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPFG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 130892; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 4 A; 4 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934
 Db 1 TTTTATCCC 9

RESULT 2946
 ABF35188
 ID ABF35188 standard; DNA; 13 BP.
 XX
 AC ABF35188;

XX 21-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 135185 for detecting SNP TSC0033712.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
PD
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 135185; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 1 TTTAATGTA 9
RESULT 2947
ABF35185/C
ID ABF35189 standard; DNA; 13 BP.
XX
XX ABF35189;
XX
XX 21-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 135186 for detecting SNP TSC0033712.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 21-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 135185 for detecting SNP TSC0033712.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 21-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 135186 for detecting SNP TSC0047890.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
PD
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 135186; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 13 TTTAATGTA 5
RESULT 2948
ABF94714
ID ABF94714 standard; DNA; 13 BP.
XX
XX ABF94714;
XX
XX 22-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 194711 for detecting SNP TSC0047890.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
PD
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 194711; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 0 C; 3 G; 5 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAT 953

DB 3 AGTGGTTTAA 13

RESULT 2949

ABF71892/C
 ID ABF71892 standard; DNA; 13 BP.

AC ABF71892;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 171889 for detecting SNP TSC0042846.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

OS WO200177384-A2.

PN 18-OCT-2001.

PP 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 171889; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 2 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914

DB 12 CATTTCCTT 4

RESULT 2950

ABF71893
 ID ABF71893 standard; DNA; 13 BP.

XX ABF71893;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 171890 for detecting SNP TSC0042846.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

OS WO200177384-A2.

PN 18-OCT-2001.

PP 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 171890; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 2 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914

XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 183101; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 3 TTTAATGTA 11
 RESULT 2954
 ABF87316
 ID ABF87316 standard; DNA; 13 BP.
 AC ABP87316;
 XX 22-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 187313 for detecting SNP TSC0046171.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PP 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 187313; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 949 TTAATGTAT 957
 DB 1 TTAATGTAT 9
 RESULT 2955
 ABF63756/c
 ID ABF63756 standard; DNA; 13 BP.
 XX ABP63756;
 XX 22-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 163753 for detecting SNP TSC0041141.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PP 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 163753; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

RESULT 2957
ABF64672/c

XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB0000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 165945; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 925 CTTTATCC 933
 DB 13 CTTTATCC 5
 RESULT 2959
 ABH49386
 ID ABH49386 standard; DNA; 13 BP.
 AC ABH49386;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 249363 for detecting SNP TSC0060911.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB0000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 249363; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 925 CTTTATCC 933
 DB 13 CTTTATCC 5
 RESULT 2959
 ABH49386
 ID ABH49386 standard; DNA; 13 BP.
 AC ABH49386;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 249363 for detecting SNP TSC0060911.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB0000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 249363; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 249363; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 0 C; 5 G; 6 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 947 GTTTAATGT 955
 DB 2 GTTTAATGT 10
 RESULT 2960
 ABH61171/C
 ID ABH61171 standard; DNA; 13 BP.
 AC ABH61171;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 261148 for detecting SNP TSC0063421.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB0000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 261148; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 12 TTTAATGTA 4
|||||

RESULT 2961
ABH62479/C
ID ABH62479 standard; DNA; 13 BP.
XX
AC ABH62479;
XX

XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 262456 for detecting SNP TSC0063663.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX

XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 262456; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX

SQ Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955
DB 12 GTTTAATGT 4
|||||

RESULT 2962
ABC67774
ID ABC67774 standard; DNA; 13 BP.
XX
AC ABC67774;
XX

XX 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 67791 for detecting SNP TSC0017701.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX

XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 67791; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX

SQ Sequence 13 BP; 1 A; 1 C; 3 G; 7 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTCCCTTTTAT 931
DB 3 TTCCGTTTAY 13
|||||

RESULT 2963
ABC93386
ID ABC93386 standard; DNA; 13 BP.
XX
AC ABC93386;
XX

XX 21-FEB-2002 (first entry)
XX

XX DE Oligonucleotide SEQ ID NO 93403 for detecting SNP TSC0023337.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 93403; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC000010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 0 A; 0 C; 5 G; 7 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 909 TTCTTTTGGTC 919
DB 3 TTGTGTTGGT 13
|||||
RESULT 2964
ABC69071/c
ID ABC69071 standard; DNA; 13 BP.
XX AC ABC69071;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 69088 for detecting SNP TSC0017982.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 69088; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC000010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 944 TTGGTTTAA 952
DB 10 TTGGTTTAA 2
|||||
RESULT 2965
ABF02989/c
ID ABF02989 standard; DNA; 13 BP.
XX AC ABF02989;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 102986 for detecting SNP TSC0025739.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

```
XX Claim 1; SEQ ID NO 102966; 29pp + Sequence Listing; German.
PS
SS
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
DB 9 TTAATGTAT 1
|||||
RESULTS
ABCF10145 standard; DNA; 13 BP.
ID ABC28026
AC ABC28026;
XX
XX 20-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 28043 for detecting SNP TSC0007916.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
OS
XX WO200177384-A2.
PN
XX 18-OCT-2001.
PD
XX 06-APR-2001; 2001WO-IB000713.
PF
XX 07-APR-2000; 2000DE-01019173.
PR
XX (EPIG-) EPIGENOMICS AG.
PA
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
PT
XX Claim 1; SEQ ID NO 28043; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
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CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 5 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 946 GGTTTAATG 954
DB 1 GGTTTAATG 9
|||||
RESULTS
ABCF10145 standard; DNA; 13 BP.
ID ABCF10145
AC ABF10145;
XX
XX 21-FEB-2002 (first entry)
DT
XX Oligonucleotide SEQ ID NO 110142 for detecting SNP TSC0027515.
DE
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
OS
XX WO200177384-A2.
PN
XX 18-OCT-2001.
PD
XX 06-APR-2001; 2001WO-IB000713.
PF
XX 07-APR-2000; 2000DE-01019173.
PR
XX (EPIG-) EPIGENOMICS AG.
PA
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
PT
XX Claim 1; SEQ ID NO 110142; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
DB 10 TTAATGTAT 2
|||||
```

RESULT 2968
ABF12492/c
ID ABF12492 standard; DNA; 13 BP.
XX AC ABF12492;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 112489 for detecting SNP TSC0028130.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 112489; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 2 C; 5 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 957 TCGCTACCA 965
XX Db 9 TCGCTACCA 1
XX
XX RESULT 2969
ABC63976/c
ID ABC63976 standard; DNA; 13 BP.
XX AC ABC63976;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 63993 for detecting SNP TSC0016890.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 63993; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 3 A; 1 C; 5 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 956 ATCGCTACC 964
XX Db 10 ATCGCTACC 2
XX
XX RESULT 2970
ABC64248/c
ID ABC64248 standard; DNA; 13 BP.
XX AC ABC64248;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 64265 for detecting SNP TSC0016953.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.

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XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 64265; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 4 G; 2 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 904 GTCATTTTCTT 914
Db 13 RTCATTTTCTT 3
XX
RESULT 2971
ABC90350
ID ABC90350 standard; DNA; 13 BP.
XX
AC ABC90350;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 90367 for detecting SNP TSC0022651.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 90367; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
```

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CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 1 A; 0 C; 3 G; 8 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 908 TTTTCTTGGT 918
Db 3 TTTTATTGGY 13
XX
RESULT 2972
ABF16744
ID ABF16744 standard; DNA; 13 BP.
XX
AC ABF16744;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 116741 for detecting SNP TSC0092908.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 116741; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 0 C; 3 G; 5 T; 0 U; 0 Other;
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Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TGGTTTAAT 953
DB 3 TGGTTTAAT 11
|||||

RESULT 2973

ABF16829
ID ABF16829 standard; DNA; 13 BP.

XX AC ABF16829;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 116826 for detecting SNP TSC0029233.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX OS

XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 116826; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 1 A; 7 C; 1 G; 3 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 TCCCTCCTC 939
DB 4 TCCCTCCTC 12
|||||

RESULT 2974

ABF19050
ID ABF19050 standard; DNA; 13 BP.

XX

AC ABF19050;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 119047 for detecting SNP TSC0029722.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 119047; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 1 TTAATGTAT 9
|||||

RESULT 2975

ABF19051/c
ID ABF19051 standard; DNA; 13 BP.

XX AC ABF19051;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 119048 for detecting SNP TSC0029722.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX WO200177384-A2.


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XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 119048; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX
XX Db 13 TTAATGTAT 5
XX
XX RESULT 2976
XX ABF19824
XX ID ABF19824 standard; DNA; 13 BP.
XX
XX AC ABF19824;
XX
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 119821 for detecting SNP TSC0029902.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX DE Oligonucleotide SEQ ID NO 119821 for detecting SNP TSC0029902.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX

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PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 119821; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 0 C; 2 G; 5 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX
XX Db 3 TTAATGTAT 11
XX
XX RESULT 2977
XX ABF37770
XX ID ABF37770 standard; DNA; 13 BP.
XX
XX AC ABF37770;
XX
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 137767 for detecting SNP TSC0034432.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 137767; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 0 C; 2 G; 5 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX
XX Db 3 TTAATGTAT 11
XX
XX RESULT 2977
XX ABF37770
XX ID ABF37770 standard; DNA; 13 BP.
XX
XX AC ABF37770;
XX
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 137767 for detecting SNP TSC0034432.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 137767; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010

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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 0 C; 3 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 DB 4 TTGGTTTAA 12
 |||||
 |||||
 RESULT 2978
 ABF37771/c
 ID ABF37771 standard; DNA; 13 BP.
 AC ABF37771;
 XX
 XX 21-FEB-2002 (first entry)
 DT
 XX
 DE Oligonucleotide SEQ ID NO 137768 for detecting SNP TSC0034432.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 XX WO200177384-A2.
 FN
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 XX (EPIG-) EPIGENOMICS AG.
 PA
 XX Olek A, Piepenbrock C, Berlin K;
 PI
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 PS Claim 1; SEQ ID NO 137768; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 8 A; 3 C; 0 G; 2 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 0 C; 3 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 DB 4 TTGGTTTAA 12
 |||||
 |||||
 RESULT 2979
 ABF42132
 ID ABF42132 standard; DNA; 13 BP.
 AC ABF42132;
 XX
 XX 21-FEB-2002 (first entry)
 DT
 XX
 DE Oligonucleotide SEQ ID NO 142129 for detecting SNP TSC0035599.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 XX WO200177384-A2.
 FN
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 XX (EPIG-) EPIGENOMICS AG.
 PA
 XX Olek A, Piepenbrock C, Berlin K;
 PI
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 PS Claim 1; SEQ ID NO 142129; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 1 TTTAATGTA 9
 |||||
 |||||
 RESULT 2980
 ABF95851/c
 ID ABF95851 standard; DNA; 13 BP.
 AC ABF95851;
 XX
 XX 22-FEB-2002 (first entry)
 DT
 XX
 DE Oligonucleotide SEQ ID NO 195848 for detecting SNP TSC0048176.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 195848; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 9 TTTAATGTA 1
 RESULT 2981
 ABF46744/c
 ID ABF46744 standard; DNA; 13 BP.
 XX AC ABF46744;
 XX 21-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 146741 for detecting SNP TSC0037012.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 146741; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 0 C; 3 G; 3 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 905 TCATTTTCT 913
 DB 12 TCATTTTCT 4
 RESULT 2982
 ABF97553/c
 ID ABF97553 standard; DNA; 13 BP.
 XX AC ABF97553;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 197550 for detecting SNP TSC0008772.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 197550; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) CC and cytosine methylation status in chemically pretreated genomic DNA. The CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC range of diseases including immune system, gastrointestinal, respiratory, CC central nervous system, cardiovascular and metabolic disorders. The CC oligomers are also used for detecting cell type differentiation. ABC00010 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 CC represent the oligomers described in the invention. NOTE: The sequence CC data for this patent did not form part of the printed specification, but CC was obtained in electronic format from WIPO at CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 3 C; 0 G; 3 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 943 ATTGTTTAAAT 953
DB 11 ATTGTTTGAY 1
|||||

RESULT 2983
ABH22593/C
ID ABH22593 standard; DNA; 13 BP.
XX AC ABH22593;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 222570 for detecting SNP TSC0054165.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 222570; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) CC and cytosine methylation status in chemically pretreated genomic DNA. The CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC range of diseases including immune system, gastrointestinal, respiratory, CC central nervous system, cardiovascular and metabolic disorders. The CC oligomers are also used for detecting cell type differentiation. ABC00010 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 CC represent the oligomers described in the invention. NOTE: The sequence CC data for this patent did not form part of the printed specification, but CC was obtained in electronic format from WIPO at CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTTAT 957
DB 10 TTAATGTTAT 2
|||||

RESULT 2984
ABH26167/C
ID ABH26167 standard; DNA; 13 BP.
XX AC ABH26167;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 226144 for detecting SNP TSC0055122.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 226144; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) CC and cytosine methylation status in chemically pretreated genomic DNA. The CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC range of diseases including immune system, gastrointestinal, respiratory, CC central nervous system, cardiovascular and metabolic disorders. The CC oligomers are also used for detecting cell type differentiation. ABC00010 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 CC represent the oligomers described in the invention. NOTE: The sequence CC data for this patent did not form part of the printed specification, but CC was obtained in electronic format from WIPO at CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 8 A; 2 C; 0 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGTT 918
DB 11 TTTTATTGGY 1
|||||

RESULT 2985

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ABH26994/c
ID ABH26994 standard; DNA; 13 BP.
XX AC ABH26994;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 226971 for detecting SNP TSC0055338.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 226971; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 907 ATTTCTTT 915
XX DB 12 ATTTCTTT 4
XX RESULT 2986
XX ABF78786/c
XX ID ABF78786 standard; DNA; 13 BP.
XX AC ABF78786;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 178783 for detecting SNP TSC0007797.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 178783; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 7 A; 0 C; 5 G; 1 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 926 TTTTATCCC 934
XX DB 12 TTTTATCCC 4
XX RESULT 2987
XX ABF55296
XX ID ABF55296 standard; DNA; 13 BP.
XX AC ABF55296;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 155293 for detecting SNP TSC0001351.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
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XX DR WPI; 2001-657177/75.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Claim 1; SEQ ID NO 155293; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 6 A; 0 C; 1 G; 5 T; 0 U; 1 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX CC Mismatches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 948 TTTAATGATC 958
XX DB 3 TTTAAGTATY 13
XX RESULT 2988
XX ABF58426
XX ID ABF58426 standard; DNA; 13 BP.
XX AC ABF58426;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 158423 for detecting SNP TSC0039887.
XX KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 158423; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;

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XX DR WPI; 2001-657177/75.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 6 A; 0 C; 1 G; 5 T; 0 U; 1 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX CC Mismatches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 948 TTTAATGATC 958
XX DB 3 TTTAAGTATY 13
XX RESULT 2988
XX ABF58426
XX ID ABF58426 standard; DNA; 13 BP.
XX AC ABF58426;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 158423 for detecting SNP TSC0039887.
XX KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 158423; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

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XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX CC Mismatches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 908 TTTTCTTGGT 918
XX DB 3 TTTTCTTGGY 13
XX RESULT 2989
XX ABF86233
XX ID ABF86233 standard; DNA; 13 BP.
XX AC ABF86233;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 186230 for detecting SNP TSC0045874.
XX KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 186230; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 926 TTTTATCCC 934
Db 3 TTTTATCCC 11

RESULT 2990
ABH13339/c
ID ABH13339 standard; DNA; 13 BP.
XX
AC ABH13339;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 213316 for detecting SNP TSC0051934.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 213316; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 947 GTTTAATCT 955
Db 13 GTTTAATCT 5

RESULT 2991
ABF91390/c
ID ABF91390 standard; DNA; 13 BP.
XX
AC ABF91390;
XX

DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 191387 for detecting SNP TSC0047093.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 191387; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 3 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 906 CATTTTCTT 914
Db 9 CATTTTCTT 1

RESULT 2992
ABH57233
ID ABH57233 standard; DNA; 13 BP.
XX
AC ABH57233;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 257210 for detecting SNP TSC0007705.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.

```
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 257210; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 3 A; 5 C; 0 G; 5 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 934 CTCCTCTTC 942
DB 2 CTCCTCTTC 10
|||||
RESULT 2993
ABH58384
ID ABH58384 standard; DNA; 13 BP.
XX AC ABH58384;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 258361 for detecting SNP TSC0062825.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 69678; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 0 C; 3 G; 7 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 947 GTTTAATGTAT 957
DB 3 GTTTAATGTAT 13
|||||
RESULT 2994
ABC69661/C
ID ABC69661 standard; DNA; 13 BP.
XX AC ABC69661;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 69678 for detecting SNP TSC0018129.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 69678; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
Db 11 ATTGGTTTA 3
|||||||
RESULT 2995
ABC23823/c
ID ABC23823 standard; DNA; 13 BP.
XX
AC ABC23823;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 23840 for detecting SNP TSC0005373.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; Gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
PI Olek A, Piepenbrock C, Berlin K;
PI WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 23840; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TGGTTTAAT 953
Db 9 TGGTTTAAT 1
|||||||
RESULT 2997
ABC26053/c
ID ABC26053 standard; DNA; 13 BP.
XX
AC ABC26053;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 26070 for detecting SNP TSC0006742.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

RESULT 2996
ABC74243
ID ABC74243 standard; DNA; 13 BP.
XX
AC ABC74243;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 74260 for detecting SNP TSC0019094.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; Gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
PI Olek A, Piepenbrock C, Berlin K;
PI WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 74260; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 1 C; 0 G; 9 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
Db 2 ATTTTCTTT 10
|||||||
RESULT 2997
ABC26053/c
ID ABC26053 standard; DNA; 13 BP.
XX
AC ABC26053;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 26070 for detecting SNP TSC0006742.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 XX Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 11 TTTAATGTA 3
 RESULT 3000
 ABC76836/c
 ID ABC76836 standard; DNA; 13 BP.
 XX AC ABC76836;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 76853 for detecting SNP TSC0019632.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 76853; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 XX Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 935 TCCTCTTCA 943
 DB 12 TCCTCTTCA 4
 RESULT 3001
 ABC28050
 ID ABC28050 standard; DNA; 13 BP.
 XX AC ABC28050;
 XX 20-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 28067 for detecting SNP TSC0007927.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 28067; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 XX Sequence 13 BP; 5 A; 0 C; 2 G; 5 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 943 ATTGGTTTAAAT 953
 DB 3 ATTGGTTTAAAT 13
 RESULT 3002
 ABC04537/c
 ID ABC04537 standard; DNA; 13 BP.

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XX AC ABC04537;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 4528 for detecting SNP TSC0001651.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 4528; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 8 A; 0 C; 0 G; 4 T; 0 U; 1 Other;
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 948 TTTAATGATC 958
XX DB 11 TTTAATATATY 1
XX RESULT 3003
XX ABC31014/c
XX ID ABC31014 standard; DNA; 13 BP.
XX AC ABC31014;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 31031 for detecting SNP TSC0009560.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.

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PN WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 31031; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 905 TCATTTTCT 913
XX DB 9 TCATTTTCT 1
XX RESULT 3004
XX ABC06713
XX ID ABC06713 standard; DNA; 13 BP.
XX AC ABC06713;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 6704 for detecting SNP TSC0002033.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI; 2001-657177/75.

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XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 6704; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 2 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
Db 3 ATTTTCTTT 11
|||||

RESULT 3005
ABF11490/c
ID ABF11490 standard; DNA; 13 BP.
XX
XX ABF11490;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 111487 for detecting SNP TSC0027841.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 111487; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 2 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
Db 3 ATTTTCTTT 11
|||||

RESULT 3005
ABF11490/c
ID ABF11490 standard; DNA; 13 BP.
XX
XX ABF11490;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 111487 for detecting SNP TSC0027841.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 111487; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 3 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
Db 12 ATTTTCTTT 4
|||||

RESULT 3006
ABF12491
ID ABF12491 standard; DNA; 13 BP.
XX
XX ABF12491;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 112488 for detecting SNP TSC0028130.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 112488; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 957 TCGCTACCA 965
 Db 5 TCGCTACCA 13
 RESULT 3007
 ABC90353/c
 ID ABC90353 standard; DNA; 13 BP.
 XX
 AC ABC90353;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 90370 for detecting SNP TSC0022651.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 90370; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 8 A; 4 C; 0 G; 0 T; 0 U; 1 Other;
 XX
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 908 TTTTCTTGGT 918
 Db 11 TTTTCTTGGY 1
 RESULT 3008
 ABF18549
 ID ABF18549 standard; DNA; 13 BP.
 XX
 AC ABF18549;
 XX
 DT 21-FEB-2002 (first entry)
 XX

DE Oligonucleotide SEQ ID NO 118546 for detecting SNP TSC0029612.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 118546; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
 XX
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTCCTTT 915
 Db 2 ATTTCCTTT 10
 RESULT 3009
 ABF19502
 ID ABF19502 standard; DNA; 13 BP.
 XX
 AC ABF19502;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 119499 for detecting SNP TSC0029834.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 PT Claim 1; SEQ ID NO 119499; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 5 TTTAATGTA 13
 RESULT 3010
 ABF67571/C
 ID ABF67571 standard; DNA; 13 BP.
 XX AC ABF67571;
 XX 22-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 167568 for detecting SNP TSC0041944.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX PD 06-APR-2001; 2001WO-IB000713.
 XX PF 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 PT Claim 1; SEQ ID NO 119499; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 5 TTTAATGTA 13
 RESULT 3010
 ABF67571/C
 ID ABF67571 standard; DNA; 13 BP.
 XX AC ABF67571;
 XX 22-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 167568 for detecting SNP TSC0041944.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX PD 06-APR-2001; 2001WO-IB000713.
 XX PF 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 PT Claim 1; SEQ ID NO 119499; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

PS Claim 1; SEQ ID NO 167568; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 949 TTAATGTAT 957
 DB 11 TTAATGTAT 3
 RESULT 3011
 ABF93597/C
 ID ABF93597 standard; DNA; 13 BP.
 XX AC ABF93597;
 XX 22-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 193594 for detecting SNP TSC0047627.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX PD 06-APR-2001; 2001WO-IB000713.
 XX PF 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 PT Claim 1; SEQ ID NO 193594; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at

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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 3 C; 1 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 951 AATGATATCG 959
DB 10 AATGATATCG 2
|||||

RESULT 3012
ABH19780
ID ABH19780 standard; DNA; 13 BP.
XX
AC ABH19780;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 219757 for detecting SNP TSC0053464.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 219757; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
DB 3 TTGGTTTAA 11
|||||

CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 3 C; 1 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 951 AATGATATCG 959
DB 10 AATGATATCG 2
|||||

RESULT 3013
ABF95850
ID ABF95850 standard; DNA; 13 BP.
XX
AC ABF95850;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 195847 for detecting SNP TSC0048176.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 195847; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 5 TTTAATGTA 13
|||||

RESULT 3014
ABF97055/c
ID ABF97055 standard; DNA; 13 BP.
XX
AC ABF97055;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 197052 for detecting SNP TSC0048503.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

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XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 197052; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 948 TTTAATGTA 956
XX DB 10 TTTAATGTA 2
XX
XX RESULT 3015
XX ABH22862
XX ID ABH22862 standard; DNA; 13 BP.
XX AC ABH22862;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 222839 for detecting SNP TSC0054250.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 222840; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 948 TTTAATGTA 956
XX DB 10 TTTAATGTA 2
XX
XX RESULT 3016
XX ABH22863/C
XX ID ABH22863 standard; DNA; 13 BP.
XX AC ABH22863;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 222840 for detecting SNP TSC0054250.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 222840; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTTAATGTA 957
XX DB 1 TTTAATGTA 9
XX

```

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
 DB 13 TTAATGTAT 5
 RESULT 3017
 ABF53614
 ID ABF53614 standard; DNA; 13 BP.
 XX
 AC ABF53614;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 153611 for detecting SNP TSC0038839.

XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.

XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 153611; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 909 TTCTTTTGTC 919
 DB 3 TTCTTTTGTC 13

RESULT 3018
 ABF82802
 ID ABF82802 standard; DNA; 13 BP.

XX
 AC ABF82802;
 XX
 DT 22-FEB-2002 (first entry)
 XX

DE Oligonucleotide SEQ ID NO 182799 for detecting SNP TSC0008038.

XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.

XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.
 XX

PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 182799; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
 DB 2 TTAATGTAT 10

RESULT 3019
 ABH12773/c
 ID ABH12773 standard; DNA; 13 BP.

XX
 AC ABH12773;

```
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 212750 for detecting SNP TSC0051836.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WIPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 241540; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATGCT 955
Db 9 GTTTAATGCT 1
RESULT 3020
ABH41563/c
ID ABH41563 standard; DNA; 13 BP.
AC ABH41563;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 241540 for detecting SNP TSC0001480.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WIPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 212750; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGCTAT 957
Db 12 TTAATGCTAT 4
RESULT 3021
ABH45605
ID ABH45605 standard; DNA; 13 BP.
XX AC ABH45605;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 245582 for detecting SNP TSC0059961.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WIPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
```

PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 245582; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTTCATT 945

Db 4 CTCCTTCATT 12

RESULT 3022

ABH62478

ID ABH62478 standard; DNA; 13 BP.

XX ABH62478;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 262455 for detecting SNP TSC0063663.

XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 262455; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955

Db 2 GTTTAATGT 10

RESULT 3023

ABH62903

ID ABH62903 standard; DNA; 13 BP.

XX ABH62903;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 262880 for detecting SNP TSC0063772.

XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 262880; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 2 A; 3 C; 0 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCCT 913

|||||

Db 4 TCAATTTCT 12

RESULT 3024
ABC68273/c
ID ABC68273 standard; DNA; 13 BP.

XX AC ABC68273;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 68290 for detecting SNP TSC0017818.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 68290; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 7 A; 3 C; 1 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGGTCATTTTC 912
DB 11 TGGTCGTTT 1

RESULT 3025
ABC69070
ID ABC69070 standard; DNA; 13 BP.

XX AC ABC69070;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 69087 for detecting SNP TSC0017982.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 69087; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGCTTTAA 952
DB 4 TTGCTTTAA 12

RESULT 3026
ABC45131/c
ID ABC45131 standard; DNA; 13 BP.

XX AC ABC45131;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 45148 for detecting SNP TSC0013178.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 69087; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGCTTTAA 952
DB 4 TTGCTTTAA 12


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SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 TTAATGTAT 957
Db 9 TTAATGTAT 1
|||||
RESULT 3029
ABF01103/C
ID ABF01103 standard; DNA; 13 BP.
XX AC ABF01103;
XX AC ABF01103;
XX AC ABF01103;
DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 101100 for detecting SNP TSC0025158.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX PD 06-APR-2001; 2001WO-IB000713.
XX PF 07-APR-2000; 2000DE-01019173.
XX PR (EPIG-) EPIGENOMICS AG.
XX PA Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 101100; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956
Db 11 TTTAATGTA 3
|||||
RESULT 3030
ABC01413/C
ID ABC01413 standard; DNA; 13 BP.
XX AC ABC01413;
XX AC ABC01413;
XX AC ABC01413;
DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 101305 for detecting SNP TSC0025221.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
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XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 101305; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
Db 3 TTTAATGTA 11
RESULT 3032
ABC79139/c
ID ABC79139 standard; DNA; 13 BP.
AC ABC79139;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 79156 for detecting SNP TSC0020133.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 4709; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;

DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 79156; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
Db 13 TTTAATGTA 5
RESULT 3033
ABC04718/c
ID ABC04718 standard; DNA; 13 BP.
XX ABC04718;
XX 20-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 4709 for detecting SNP TSC0001694.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 4709; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 0 C; 5 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTTCATT 945
DB 12 CTCCTTCATT 4

RESULT 3034
ABC63699/C
ID ABC63699 standard; DNA; 13 BP.
XX AC ABC63699;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 63716 for detecting SNP TSC0016826.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB0000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX Claim 1; SEQ ID NO 63716; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
DB 9 ATTGGTTTA 1

RESULT 3035
ABC90351/C
ID ABC90351 standard; DNA; 13 BP.
XX AC ABC90351;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 90368 for detecting SNP TSC0022651.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB0000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX Claim 1; SEQ ID NO 90368; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 8 A; 3 C; 0 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
DB 11 TTTTATTGGY 1

RESULT 3036
ABF19503/C
ID ABF19503 standard; DNA; 13 BP.
XX AC ABF19503;
XX DT 21-FEB-2002 (first entry)

```

XX DE Oligonucleotide SEQ ID NO 119500 for detecting SNP TSC0029834.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 119500; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
Db 9 TTTAATGTA 1
RESULT 3037
ABF33097/c
ID ABF33097 standard; DNA; 13 BP.
XX AC ABF33097;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 133094 for detecting SNP TSC0033208.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX Peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 133094; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
Db 9 TTTAATGTA 1
RESULT 3038
ABF39141
ID ABF39141 standard; DNA; 13 BP.
XX AC ABF39141;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 139138 for detecting SNP TSC0034852.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX Peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

```

XX PS Claim 1; SEQ ID NO 139138; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 2 A; 8 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 931 TCCCTCCTC 939

Db 1 TCCCTCCTC 9

RESULT 3039

ABF45493/C

ID ABF45493 standard; DNA; 13 BP.

XX AC ABF45493;

XX DT 21-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 145490 for detecting SNP TSC0036633.

XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 145490; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

CC was obtained in electronic format from WIPO at

CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 4 C; 0 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 81.8%; Pred. No. 1.5e+03;

Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 947 GTTTAATGTA 957

Db 11 GTTTAAGTAY 1

RESULT 3040

ABF73039/C

ID ABF73039 standard; DNA; 13 BP.

XX AC ABF73039;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 173036 for detecting SNP TSC0005233.

XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 173036; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956

Db 11 TTTAAGTA 3

```

RESULT 3041
ABF50734
ID ABF50734 standard; DNA; 13 BP.
XX
AC ABF50734;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 199176 for detecting SNP TSC0049015.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 199176; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 13 TTTAATGTA 5

RESULT 3042
ABF50734
ID ABF50734 standard; DNA; 13 BP.
XX
AC ABF50734;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 150731 for detecting SNP TSC0038032.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

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KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 150731; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 2 TTAATGTAT 10

RESULT 3043
ABF52509/c
ID ABF52509 standard; DNA; 13 BP.
XX
AC ABF52509;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 152506 for detecting SNP TSC0038549.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.

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XX FI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 152506; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 10 A; 2 C; 0 G; 0 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTCTTTGGT 918
Db 11 TTTTITTTGGY 1
RESULT 3044
ABH32688
ID ABH32688 standard; DNA; 13 BP.
XX AC ABH32688;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 232665 for detecting SNP TSC0056735.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 232665; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 0 C; 5 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 943 ATTGGTTTA 951
Db 5 ATTGGTTTA 13
RESULT 3045
ABH08413/C
ID ABH08413 standard; DNA; 13 BP.
XX AC ABH08413;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 208390 for detecting SNP TSC0050927.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 208390; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 3 C; 1 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TGGTTTAAT 953
Db 13 TGGTTTAAT 5

RESULT 3046
ABH33666/C
ID ABH33666 standard; DNA; 13 BP.

XX AC ABH33666;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 233643 for detecting SNP TSC0057028.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

OS Homo sapiens.

XX WO200177384-A2.

FN 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

PF 07-APR-2000; 2000DE-01019173.

PR (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

PI WPI; 2001-657177/75.

DR Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 233643; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 1 C; 6 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCCT 938
Db 10 ATCCCTCCT 2

RESULT 3047

ABF84617

ID ABF84617 standard; DNA; 13 BP.

XX

AC ABF84617;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 184614 for detecting SNP TSC0008611.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

PI WPI; 2001-657177/75.

DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

XX Claim 1; SEQ ID NO 184614; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 1 C; 0 G; 9 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
Db 3 ATTTCCTTT 11

RESULT 3048

ABH37378

ID ABH37378 standard; DNA; 13 BP.

XX ABH37378;

XX 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 237355 for detecting SNP TSC0057892.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.

XX WO200177384-A2.

[illegible]

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 9 G; 0 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
|||||||
Db 9 CCTCTCTCT 1

RESULT 3051
ABH15416/c
ID ABH15416 standard; DNA; 13 BP.
XX
AC ABH15416;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 215393 for detecting SNP TSC0005293.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
Claim 1; SEQ ID NO 215393; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTCATT 945

Db 12 CTCCTCATT 4
|||||||
RESULT 3052
ABH49633
ID ABH49633 standard; DNA; 13 BP.
XX
AC ABH49633;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 249610 for detecting SNP TSC0060979.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
Claim 1; SEQ ID NO 249610; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 4 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934
|||||||
Db 5 TTTTATCCC 13

RESULT 3053
ABC93065/c
ID ABC93065 standard; DNA; 13 BP.
XX
AC ABC93065;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 93082 for detecting SNP TSC0023271.


```
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 93082; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 943 ATTGTTTA 951
XX 10 ATTGTTTA 2
XX
XX RESULT 3054
XX ABC93387/c
XX ID ABC93387 standard; DNA; 13 BP.
XX AC ABC93387;
XX XX
XX DT 21-FEB-2002 (first entry)
XX XX
XX DE Oligonucleotide SEQ ID NO 93404 for detecting SNP TSC0023337.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX OS
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PS Claim 1; SEQ ID NO 21599; 29pp + Sequence Listing; German.
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PR 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 93404; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 7 A; 5 C; 0 G; 0 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 909 TTCTTTTGTC 919
XX 11 TTGTTTGGTY 1
XX
XX RESULT 3055
XX ABC21582/c
XX ID ABC21582 standard; DNA; 13 BP.
XX AC ABC21582;
XX XX
XX DT 20-FEB-2002 (first entry)
XX XX
XX DE Oligonucleotide SEQ ID NO 21599 for detecting SNP TSC0004334.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX OS
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 21599; 29pp + Sequence Listing; German.
```

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTCCTT 915
 Db 13 ATTTCCTT 5
 RESULT 3056
 ABC72752
 ID ABC72752 standard; DNA; 13 BP.
 XX AC ABC72752;
 XX DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 72769 for detecting SNP TSC0018794.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 72769; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 949 TTAATGTAT 957
 Db 5 TTAATGTAT 13
 RESULT 3057
 ABC98320/C
 ID ABC98320 standard; DNA; 13 BP.
 XX AC ABC98320;
 XX DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 98337 for detecting SNP TSC0024436.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 98337; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 4 A; 1 C; 5 G; 3 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 955 TATCGCTAC 963
 Db 9 TATCGCTAC 1
 RESULT 3058

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ABC28792/c
ID ABC28792 standard; DNA; 13 BP.
XX AC ABC28792;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 28809 for detecting SNP TSC0008389.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX PS Claim 1; SEQ ID NO 28809; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 10 A; 0 C; 1 G; 2 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCCTTT 915
DB 12 ATTTCCTTT 4
RESULT 3059
ABC30021/c
ID ABC30021 standard; DNA; 13 BP.
XX AC ABC30021;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 30038 for detecting SNP TSC0009041.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX PS Claim 1; SEQ ID NO 28809; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 10 A; 0 C; 1 G; 2 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCCTTT 915
DB 12 ATTTCCTTT 4
RESULT 3060
ABC05633/c
ID ABC05633 standard; DNA; 13 BP.
XX AC ABC05633;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 5624 for detecting SNP TSC0001850.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
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XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 5624; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 944 TTGGTTTAA 952
XX DB 9 TTGGTTTAA 1
XX
XX RESULT 3061
XX ABC07085
XX ID ABC07085 standard; DNA; 13 BP.
XX AC ABC07085;
XX XX
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 7076 for detecting SNP TSC0002095.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 7076; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 944 TTGGTTTAA 952
XX DB 9 TTGGTTTAA 1
XX
XX RESULT 3062
XX ABC07439
XX ID ABC07439 standard; DNA; 13 BP.
XX AC ABC07439;
XX XX
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 7430 for detecting SNP TSC0002158.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 7430; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 907 ATTTCCTTT 915
XX DB 3 ATTTCCTTT 11
XX
XX RESULT 3062
XX ABC07439
XX ID ABC07439 standard; DNA; 13 BP.
XX AC ABC07439;
XX XX
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 7430 for detecting SNP TSC0002158.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 7430; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 3 C; 0 G; 8 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
Qy	907 ATTTCTTT 915 	
Db	4 ATTTCTTT 12 	
RESULT 3063		
ABC56914	ID ABC56914 standard; DNA; 13 BP.	
XX	AC	ABC56914;
XX	XX	21-FEB-2002 (first entry)
DE	Oligonucleotide SEQ ID NO 56931 for detecting SNP TSC0015407.	
XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;	
KW	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	
KW	central nervous system; gastrointestinal; respiratory; immune; metabolic.	
XX	OS	Homo sapiens.
XX	PN	WO200177384-A2.
XX	PD	18-OCT-2001.
XX	PF	06-APR-2001; 2001WO-IB000713.
XX	PR	07-APR-2000; 2000DE-01019173.
XX	PA	(EPIG-) EPIGENOMICS AG.
XX	PI	Olek A, Piepenbrock C, Berlin K;
XX	WPI	2001-657177/75.
XX	Set of oligonucleotides, useful for diagnosis and cell typing, is	
PT	designed to detect single-nucleotide polymorphisms and cytosine	
PT	methylation status.	
XX	Claim 1; SEQ ID NO 56931; 29pp + Sequence Listing; German.	
XX	This invention describes novel oligonucleotide primers or peptide nucleic	
CC	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
CC	and cytosine methylation status in chemically pretreated genomic DNA. The	
CC	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
CC	range of diseases including immune system, gastrointestinal, respiratory,	
CC	central nervous system, cardiovascular and metabolic disorders. The	
CC	oligomers are also used for detecting cell type differentiation. ABC00010	
CC	-ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073	
CC	represent the oligomers described in the invention. NOTE: The sequence	
CC	data for this patent did not form part of the printed specification, but	
CC	was obtained in electronic format from WIPO at	
CC	ftp.wipo.int/pub/published_pct_sequences	
XX	Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;	
XX	This invention describes novel oligonucleotide primers or peptide nucleic	
CC	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
CC	and cytosine methylation status in chemically pretreated genomic DNA. The	
CC	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
CC	range of diseases including immune system, gastrointestinal, respiratory,	
CC	central nervous system, cardiovascular and metabolic disorders. The	
CC	oligomers are also used for detecting cell type differentiation. ABC00010	
CC	-ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073	
CC	represent the oligomers described in the invention. NOTE: The sequence	
CC	data for this patent did not form part of the printed specification, but	
CC	was obtained in electronic format from WIPO at	
CC	ftp.wipo.int/pub/published_pct_sequences	
XX	Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;	
XX	Query Match 12.3%; Score 9; DB 1; Length 13;	
XX	Best Local Similarity 100.0%; Pred. No. 1.5e+03;	
XX	Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	948 TTTAATGTA 956 	
Db	3 TTTAATGTA 11 	
RESULT 3064		
ABC32665/c	ID ABC32665 standard; DNA; 13 BP.	
XX	AC	ABC32665;
XX	XX	21-FEB-2002 (first entry)
DE	Oligonucleotide SEQ ID NO 84483 for detecting SNP TSC0021255.	
XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;	
KW	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	
KW	central nervous system; gastrointestinal; respiratory; immune; metabolic.	
XX	OS	Homo sapiens.
XX	PN	WO200177384-A2.
XX	PD	18-OCT-2001.

CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 4 C; 1 G; 1 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 921 TTGCTTTTAT 931
|||||
Db 11 TTGCTTTTAY 1

RESULT 3068
ABF12490/C
ID ABF12490 standard; DNA; 13 BP.
XX AC ABF12490;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 112487 for detecting SNP TSC0028130.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 112487; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 1 C; 5 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 957 TCGCTACCA 965
|||||
Db 9 TCGCTACCA 1

RESULT 3069
ABC37555
ID ABC37555 standard; DNA; 13 BP.
XX AC ABC37555;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 37572 for detecting SNP TSC0011694.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 37572; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
|||||
Db 4 ATTTCCTTT 12

RESULT 3070
ABC87508
ID ABC87508 standard; DNA; 13 BP.
XX AC ABC87508;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 87525 for detecting SNP TSC0022011.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 87525; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 OY 944 TTGGTTTAA 952
 DB 5 TTGGTTTAA 13
 RESULT 3071
 ABC64902
 ID ABC64902 standard; DNA; 13 BP.
 XX ABC64902;
 AC 21-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 64919 for detecting SNP TSC0017101.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 OY 944 TTGGTTTAA 952
 DB 5 TTGGTTTAA 13
 RESULT 3071
 ABC64902
 ID ABC64902 standard; DNA; 13 BP.
 XX ABC64902;
 AC 21-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 64919 for detecting SNP TSC0017101.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 3 A; 1 C; 2 G; 6 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 OY 943 ATTGGTTTAA 953
 DB 3 ATTGGTTTAA 13
 RESULT 3072
 ABF30884/C
 ID ABF30884 standard; DNA; 13 BP.
 XX ABF30884;
 AC 21-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 130881 for detecting SNP TSC0032668.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 130881; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic


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Query Match          12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No.1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      924  CCTTTTATC  932
          |||||
Db       2    CCTTTTATC  10

RESULT 3074

```

ABF67623
ID ABF67623 standard; DNA; 13 BP.
XX
XX
XX ABF67623;
XX
XX
DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 167620 for detecting SNP TSC0041952.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX

XX
XN Central nervous system; gastrointestinal, immune, metabolic.
XX
XX Homo sapiens.

PN WC200177384-A2.
XX
PD 18-OCT-2001.
XX

06-AFR-2001; 2001WC-1B000/13.
FF
XX

07-REA-2000, 200002-0101173.
XX
XX
(EPIG-) EPIGENOMICS AG.
PA
XX
XX

XX
 DR
 WPI; 2001-657177/75.
 XX

PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine

XX

XX

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

CC central nervous system, cardiovascular and metabolic disorders. The

CC -ABC99989, ABF00010-ABFF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC data for this patent did not form part of the printed specification, but

CC was obtained in electronic format from WHO CC
CC ftp.wipo.int/pub/published pct sequences

Sequence 13 BP: 2 A: 4 C: 0 G: 7 T: 0 U: 0 Other:

Query Match 12.3%: Score 9: DB 1: Length 13:

BEST LOCAL SIMILARITY	100.0%;	PRED. NO. 1.3e+03;	
Matches	9:	Conservative	0: Mismatches
			Indels
			0: Gaps
			0:

027 TTTTATCCCT 035

2 11

RESULT 3075
3 DEC 81 12 / 2

ID ABF69143 standard; DNA; 13 BP.

100

XX ABF69143;
AC
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 169140 for detecting SNP TSC0042261.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
PN
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX
PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 169140; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 945 TGGTTTAATGT 955
DB 11 TGAATTAATGY 1
RESULT 3076
ID ABH19781/c
ID ABH19781 standard; DNA; 13 BP.
AC
XX
XX ABH19781;
XX
DT 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 219758 for detecting SNP TSC0053464.
DE
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS

PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 219758; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 944 TTGGTTTAA 952
DB 11 TTGGTTTAA 3
RESULT 3077
ID ABF70317
ID ABF70317 standard; DNA; 13 BP.
AC
XX
XX ABF70317;
XX
DT 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 170314 for detecting SNP TSC0042509.
DE
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
PN
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX
PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR

XX CC oligomers are also used for detecting cell type differentiation. ABC00010
PT -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
PT represent the oligomers described in the invention. NOTE: The sequence
PT data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
Db 2 TTTAATGTA 10
RESULT 3079
ABF46238
ID ABF46238 standard; DNA; 13 BP.
XX AC ABF46238;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 146235 for detecting SNP TSC0036844.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 146235; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 170314; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 6 C; 0 G; 5 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 933 CCTCTCTT 941
Db 4 CCTCTCTT 12
RESULT 3078
ABF70798
ID ABF70798 standard; DNA; 13 BP.
XX AC ABF70798;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 170795 for detecting SNP TSC0042607.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 170795; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

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QY 947 GTTTAATCT 955
Db 2 GTTTAATCT 10
|||||
RESULT 3080
ABH22110
ID ABH22110 standard; DNA; 13 BP.
XX AC ABH22110;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 222087 for detecting SNP TSC0054045.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 222087; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 0 C; 3 G; 8 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
Db 3 TTTTCTTTGGY 13
|||||
RESULT 3081
ABF74097
ID ABF74097 standard; DNA; 13 BP.
XX AC ABF74097;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 199806 for detecting SNP TSC0049154.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 222087; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 0 C; 3 G; 8 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
Db 1 CTTTATCC 9
|||||
RESULT 3082
ABF99809
ID ABF99809 standard; DNA; 13 BP.
XX AC ABF99809;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 199806 for detecting SNP TSC0049154.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 174094; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 199806; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 1 A; 2 C; 0 G; 10 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 907 ATTTCCTTT 915
XX Db 2 ATTTCCTTT 10
XX
XX RESULT 3083
XX ABH26166
XX ID ABH26166 standard; DNA; 13 BP.
XX AC ABH26166;
XX XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 226143 for detecting SNP TSC0055122.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX

PS Claim 1; SEQ ID NO 226143; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 2 A; 0 C; 2 G; 8 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 908 TTTTCTTTGGT 918
XX Db 3 TTTTATTGGY 13
XX
XX RESULT 3084
XX ABF54253
XX ID ABF54253 standard; DNA; 13 BP.
XX AC ABF54253;
XX XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 154250 for detecting SNP TSC0038983.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 154250; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at

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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 5 C; 0 G; 3 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCCT 938
DB 2 ATCCCTCCT 10
|||||

RESULT 3085
ABH31033/c
ID ABH31033 standard; DNA; 13 BP.
XX
AC ABH31033;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 231010 for detecting SNP TSC0007714.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 231010; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 4 C; 0 G; 4 T; 0 U; 1 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 947 GTTAAATGAT 957
DB 11 GTTGAATGAT 1
|||||

RESULT 3086
ABH06168
ID ABH06168 standard; DNA; 13 BP.
XX
AC ABH06168;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206145 for detecting SNP TSC0050498.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 206145; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 7 T; 0 U; 1 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958
DB 3 TTTAATGTATC 13
|||||

RESULT 3087
ABF57868
ID ABF57868 standard; DNA; 13 BP.
XX
AC ABF57868;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 157865 for detecting SNP TSC0039755.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

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XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 157865; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 3 A; 0 C; 3 G; 6 T; 0 U; 1 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 947 GTTTAATGT 955
XX DB 2 GTTTAATGT 10
XX RESULT 3088
XX ABH10089/c
XX ID ABH10089 standard; DNA; 13 BP.
XX AC ABH10089;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 210066 for detecting SNP TSC0051290.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 210066; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 3 A; 0 C; 3 G; 6 T; 0 U; 1 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 947 GTTTAATGT 955
XX DB 2 GTTTAATGT 10
XX RESULT 3088
XX ABH10089/c
XX ID ABH10089 standard; DNA; 13 BP.
XX AC ABH10089;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 160287 for detecting SNP TSC0040361.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 160287; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The

```

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 4 A; 0 C; 1 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958

Db 3 TTTAATGTAT 13

RESULT 3090

ABF64673

ID ABF64673 standard; DNA; 13 BP.

XX AC ABF64673;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 164670 for detecting SNP TSC0006369.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 164670; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 2 A; 3 C; 0 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 81.8%; Pred. No. 1.5e+03;

Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCTTCATT 945

Db 2 CTCTTCATT 10

RESULT 3091

ABH5806

ID ABH5806 standard; DNA; 13 BP.

XX AC ABH5806;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 255783 for detecting SNP TSC00062332.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 255783; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957

Db 3 TTAATGTAT 11

RESULT 3092

ABH57232/C

ID ABH57232 standard; DNA; 13 BP.

XX AC ABH57232;

PT designed to detect single-nucleotide polymorphisms and cytosine
 TT methylation status.

XX Claim 1; SEQ ID NO 94543; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956

Db 5 TTTAATGTA 13

RESULT 3095

ABC21583
 ID ABC21583 standard; DNA; 13 BP.

XX ABC21583;

XX 20-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 21600 for detecting SNP TSC0004334.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 21600; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915

Db 1 ATTTCCTTT 9

RESULT 3096

ABC98321
 ID ABC98321 standard; DNA; 13 BP.

XX ABC98321;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 98338 for detecting SNP TSC0024436.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 98338; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 955 TATCGCTAC 963

|||||

```

Db      5 TATCGCTAC 13
RESULT 3097
ABC28051/C
ID ABC28051 standard; DNA; 13 BP.
XX
AC ABC28051;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 28058 for detecting SNP TSC0007927.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 28069; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
Sequence 13 BP; 5 A; 2 C; 0 G; 5 T; 0 U; 1 Other;
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 943 ATTGCTTTAAT 953
DB 11 ATTGCTATAAY 1
RESULT 3098
ABC06461/C
ID ABC06461 standard; DNA; 13 BP.
XX
AC ABC06461;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 6452 for detecting SNP TSC0001985.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 6452; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
DB 11 TTTAATGTA 3
RESULT 3099
ABC07319
ID ABC07319 standard; DNA; 13 BP.
XX
AC ABC07319;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 7310 for detecting SNP TSC0002136.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.

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XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 7310; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 905 TCATTCT 913
 DB 4 TCATTCT 12
 RESULT 3100
 ABC56915/c
 ID ABC56915 standard; DNA; 13 BP.
 XX AC ABC56915;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 56932 for detecting SNP TSC0015407.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 56932; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTAAATGTA 956
 DB 11 TTAAATGTA 3
 RESULT 3101
 ABC83126/c
 ID ABC83126 standard; DNA; 13 BP.
 XX AC ABC83126;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 83143 for detecting SNP TSC0020967.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 83143; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

RESULT 3103
ABC10634

CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 3 G; 3 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934
DB 9 TTTTATCCC 1

RESULT 3107
ABC88438/c
ID ABC88438 standard; DNA; 13 BP.
XX
AC ABC88438;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 88455 for detecting SNP TSC0022228.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
PS Claim 1; SEQ ID NO 88455; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 CCTCTTCAT 944
DB 9 CCTCTTCAT 1

RESULT 3108
ABC64249
ID ABC64249 standard; DNA; 13 BP.
XX
AC ABC64249;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 64266 for detecting SNP TSC0016953.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
PS Claim 1; SEQ ID NO 64266; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 4 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 904 GTCATTTTCTT 914
DB 1 RTCACATTTCTT 11

RESULT 3109
ABF15156
ID ABF15156 standard; DNA; 13 BP.
XX
AC ABF15156;
XX
DT 21-FEB-2002 (first entry)

```

XX DE Oligonucleotide SEQ ID NO 115153 for detecting SNP TSC0028850.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 115153; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 908 TTTTCTTTGGT 918
XX Db |||||
XX RESULT 3110
XX ABF22308/c
XX ID ABF22308 standard; DNA; 13 BP.
XX AC ABF22308;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 122305 for detecting SNP TSC0030566.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 122305; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 8 G; 0 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 931 TCCTCTCTC 939
XX Db |||||
XX RESULT 3111
XX ABF26005/c
XX ID ABF26005 standard; DNA; 13 BP.
XX AC ABF26005;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 126002 for detecting SNP TSC0031524.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.

```


XS Claim 1; SEQ ID NO 126002; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 12 TTTAATGTA 4
|||||

RESULT 3112

ABF40353
ID ABF40353 standard; DNA; 13 BP.

XX AC ABF40353;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 140350 for detecting SNP TSC0035179.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

XX Claim 1; SEQ ID NO 140350; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 2 A; 5 C; 1 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 956 ATCGCTACCAA 966
DB 1 RTCGCTCCCAA 11
|||||

RESULT 3113

ABF40354/c
ID ABF40354 standard; DNA; 13 BP.

XX AC ABF40354;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 140351 for detecting SNP TSC0035179.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

XX Claim 1; SEQ ID NO 140351; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 1 C; 4 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 956 ATCGCTACCAA 966
DB 13 RTCGCTCCCAA 3
|||||

RESULT 3114
 ABF94867/C
 ID ABF94867 standard; DNA; 13 BP.
 XX AC ABF94867;
 XX XX
 DT 22-FEB-2002 (first entry)
 XX XX
 DE Oligonucleotide SEQ ID NO 194864 for detecting SNP TSC0005457.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 194864; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 3 C; 0 G; 5 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 13 TTTAATGTA 5
 RESULT 3115
 ABF46239/C
 ID ABF46239 standard; DNA; 13 BP.
 XX AC ABF46239;
 XX XX
 DT 21-FEB-2002 (first entry)
 XX XX
 DE Oligonucleotide SEQ ID NO 146236 for detecting SNP TSC0036844.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 146236; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 947 GTTAAATGT 955
 DB 12 GTTAAATGT 4
 RESULT 3116
 ABF46626/C
 ID ABF46626 standard; DNA; 13 BP.
 XX AC ABF46626;
 XX XX
 DT 21-FEB-2002 (first entry)
 XX XX
 DE Oligonucleotide SEQ ID NO 146623 for detecting SNP TSC0036981.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 146623; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 8 A; 0 C; 1 G; 3 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 947 GTTAAATGAT 957
 Db 13 RTTAAATCTAT 3
 RESULT 3117
 ABF97552
 ID ABF97552 standard; DNA; 13 BP.
 XX AC ABF97552;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 197549 for detecting SNP TSC0008772.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 WO200177384-A2.
 PN 18-OCT-2001.
 PD
 PF 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 197549; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 3 A; 0 C; 3 G; 6 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 943 ATTGGTTTAAAT 953
 Db 3 ATTGGTTTAAAT 13
 RESULT 3118
 ABF99610
 ID ABF99610 standard; DNA; 13 BP.
 XX AC ABF99610;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 199607 for detecting SNP TSC0049105.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 WO200177384-A2.
 PN 18-OCT-2001.
 PD
 PF 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 199607; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
 SQ

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Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAAATGT 955
DB 2 GTTAAATGT 10
|||||
|

RESULT 3119
ABF50938
ID ABF50938 standard; DNA; 13 BP.
XX
AC ABF50938;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 150935 for detecting SNP TSC0038101.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 150935; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
DB 2 ATTGGTTTA 10
|||||
|

RESULT 3120
ABF83105/c
ID ABF83105 standard; DNA; 13 BP.
XX

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AC ABF83105;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 183102 for detecting SNP TSC0010528.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 183102; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTATAATGTA 956
DB 11 TTATAATGTA 3
|||||
|

RESULT 3121
ABH08412
ID ABH08412 standard; DNA; 13 BP.
XX
AC ABH08412;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 208389 for detecting SNP TSC0050927.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.

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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 9 A; 3 C; 0 G; 0 T; 0 U; 1 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 81.8%; Pred. No. 1.5e+03;
  Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
DB 11 TTTTCTTTGGY 1

RESULT 3124
ABH33667
ID ABH33667 standard; DNA; 13 BP.
XX
AC ABH33667;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 233644 for detecting SNP TSC0057028.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPITG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 233644; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 2 A; 6 C; 1 G; 4 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCTCT 938

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DB 4 ATCCCTCTCT 12
|||||
|||||

RESULT 3125
ABH11241
ID ABH11241 standard; DNA; 13 BP.
XX
AC ABH11241;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 211218 for detecting SNP TSC0051533.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 211218; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 4 C; 0 G; 6 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTTCTT 914
DB 4 CATTTTCTT 12
|||||

RESULT 3126
ABH13705
ID ABH13705 standard; DNA; 13 BP.
XX
AC ABH13705;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 213682 for detecting SNP TSC0052028.

```


XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: the sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 4 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
|||||||
D 1 CTTTATCC 9

RESULT 3129
ABF91391
ID ABF91391 standard; DNA; 13 BP.
XX
AC ABF91391;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 191388 for detecting SNP TSC0047093.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
PS Claim 1; SEQ ID NO 191388; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: the sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCT 914
|||||||
D 5 CATTTCCT 13

RESULT 3130
ABH45604/C
ID ABH45604 standard; DNA; 13 BP.
XX
AC ABH45604;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 245581 for detecting SNP TSC0059961.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
PS Claim 1; SEQ ID NO 245581; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: the sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTTTCATT 945
|||||||
D 10 CTTTCATT 2

RESULT 3131


```

ABH48163/c
ID ABH48163 standard; DNA; 13 BP.
XX AC
XX ABH48163;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 248140 for detecting SNP TSC0060641.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 248140; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATCT 955
DB 13 GTTTAATCT 5
|||||
RESULT 3132
ABH62985
ID ABH62985 standard; DNA; 13 BP.
XX AC
XX ABH62985;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 262962 for detecting SNP TSC0063801.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 248140; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATCT 955
DB 13 GTTTAATCT 5
|||||
RESULT 3133
ABH62985
ID ABH62985 standard; DNA; 13 BP.
XX AC
XX ABH62985;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 95143 for detecting SNP TSC0023695.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;

```



```
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 945 TGGTTTAAT 953
Db 5 TGGTTTAAT 13
RESULT 3136
ABC74242/C
ID ABC74242 standard; DNA; 13 BP.
XX
AC ABC74242;
XX
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 74259 for detecting SNP TSC0019094.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 49191; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 1 TTTAATGTA 9
RESULT 3138
ABC74793/C
ID ABC74793 standard; DNA; 13 BP.
XX
AC ABC74793;
XX
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 74810 for detecting SNP TSC0019217.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX
Qy 907 ATTTTCCTTT 915
Db 12 ATTTTCCTTT 4
RESULT 3137
ABC49174
ID ABC49174 standard; DNA; 13 BP.
XX
AC ABC49174;
XX
```


CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
|||||
Db 3 TTTAATGTA 11

RESULT 3141
ABC06712/c
ID ABC06712 standard; DNA; 13 BP.
XX AC
XX ABC06712;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 6703 for detecting SNP TSC0002033.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
Claim 1; SEQ ID NO 6703; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 2 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCTTT 915
|||||
Db 11 ATTTCTTT 3

RESULT 3142
ABC57715
ID ABC57715 standard; DNA; 13 BP.
XX AC
XX ABC57715;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 5732 for detecting SNP TSC00015557.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
Claim 1; SEQ ID NO 5732; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 2 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCCT 913
|||||
Db 3 TCATTTCCT 11

RESULT 3143
ABC13537
ID ABC13537 standard; DNA; 13 BP.
XX AC
XX ABC13537;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 13544 for detecting SNP TSC0003129.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 13544; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABI0010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 906 CATTTCCTT 914
 Db 1 CATTTCCTT 9
 |||||
 |||||
 RESULT 3144
 ABC8439
 ID ABC8439 standard; DNA; 13 BP.
 XX
 AC ABC8439;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 8456 for detecting SNP TSC0022228.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 14406; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic

PA (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 8456; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABI0010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 4 C; 0 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 936 CCTCTTCAT 944
 Db 5 CCTCTTCAT 13
 |||||
 |||||
 RESULT 3145
 ABC14399
 ID ABC14399 standard; DNA; 13 BP.
 XX
 AC ABC14399;
 XX
 DT 20-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 14406 for detecting SNP TSC0003259.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 14406; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 1 C; 0 G; 10 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
Db 2 ATTTCCTTT 10
|||||

RESULT 3146
ABF15155/c
ID ABF15155 standard; DNA; 13 BP.
XX
AC ABF15155;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 115152 for detecting SNP TSC0028850.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
FA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 115152; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 9 A; 2 C; 0 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTCGT 918
Db 11 TTTTATTTGGY 1
|||||

RESULT 3147
ABF26004
ID ABF26004 standard; DNA; 13 BP.
XX
AC ABF26004;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 126001 for detecting SNP TSC0031524.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
FA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 126001; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 2 TTTAATGTA 10
|||||

RESULT 3148
ABF27636
ID ABF27636 standard; DNA; 13 BP.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
TT methylation status.
XX
PS Claim 1; SEQ ID NO 198779; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 0 C; 3 G; 8 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 308 TTTTCTTTGGT 918
DB 3 TTTTATTGGY 13
RESULT 3151
ABH06169/C
ID ABH06169 standard; DNA; 13 BP.
XX
AC ABH06169;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206146 for detecting SNP TSC0050498.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 206146; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 2 C; 0 G; 3 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 948 TTTAATGATC 958
DB 11 TTTAATGCTGY 1
RESULT 3152
ABF56728/C
ID ABF56728 standard; DNA; 13 BP.
XX
AC ABF56728;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 156725 for detecting SNP TSC0006978.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 156725; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 1 C; 4 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 957 TCGCTACCA 965
 Db 9 TCGCTACCA 1
 RESULT 3153
 ABF56729
 ID ABF56729 standard; DNA; 13 BP.
 XX AC
 XX ABF56729;
 XX 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 156726 for detecting SNP TSC0006978.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPITG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 156726; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 3 A; 4 C; 1 G; 5 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 957 TCGCTACCA 965
 Db 5 TCGCTACCA 13
 RESULT 3154
 ABH32689/c
 ID ABH32689 standard; DNA; 13 BP.
 XX AC
 XX ABH32689;
 XX 22-FEB-2002 (first entry)
 XX

DE Oligonucleotide SEQ ID NO 232666 for detecting SNP TSC0056735.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPITG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 232666; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 5 C; 0 G; 2 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
 Db 9 ATTGGTTTA 1
 RESULT 3155
 ABF83318
 ID ABF83318 standard; DNA; 13 BP.
 XX AC
 XX ABF83318;
 XX 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 183315 for detecting SNP TSC0045259.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 183315; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 944 TTGGTTTAA 952
XX Db 1 TTGGTTTAA 9
XX
XX RESULT 3156
XX ABF91580
XX ID ABF91580 standard; DNA; 13 BP.
XX AC ABF91580;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 191577 for detecting SNP TSC0047142.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

PS Claim 1; SEQ ID NO 191577; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 949 TTAATGTAT 957
XX Db 2 TTAATGTAT 10
XX
XX RESULT 3157
XX ABH61884/C
XX ID ABH61884 standard; DNA; 13 BP.
XX AC ABH61884;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 261861 for detecting SNP TSC0063535.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 261861; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at

```
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934
DB 12 TTTTATCCC 4

RESULT 3158
ABC43716
ID ABC43716 standard; DNA; 13 BP.
XX
AC ABC43716;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 43733 for detecting SNP TSC0012908.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 43733; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGTTTAA 951
DB 2 ATTGTTTAA 10

RESULT 3159
ABC69617
ID ABC69617 standard; DNA; 13 BP.
XX
AC ABC69617;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 69634 for detecting SNP TSC0018115.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 69634; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 1 C; 0 G; 8 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
DB 2 ATTTCCTTT 10

RESULT 3160
ABC72153/C
ID ABC72153 standard; DNA; 13 BP.
XX
AC ABC72153;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 72170 for detecting SNP TSC0018648.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
```

XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 72170; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 11 TTTAATGTA 3
 RESULT 3162
 ABC49175/c
 ID ABC49175 standard; DNA; 13 BP.
 XX AC ABC49175;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 49192 for detecting SNP TSC0013944.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 49192; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 11 TTTAATGTA 3
 RESULT 3162
 ABC49175/c
 ID ABC49175 standard; DNA; 13 BP.
 XX AC ABC49175;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 49192 for detecting SNP TSC0013944.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 49192; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

PI Olek A, Piepenbrock C, Berlin K;
 DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 49192; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 5 A; 1 C; 0 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 13 TTTAATGTA 5
 RESULT 3162
 ABC74792
 ID ABC74792 standard; DNA; 13 BP.
 XX AC ABC74792;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 74809 for detecting SNP TSC0019217.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 74809; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The

oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGAT 957
DB 2 TTAATGAT 10
|||||

RESULT 3163
ABC00207/c
ID ABC00207 standard; DNA; 13 BP.
XX
AC ABC00207;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 198 for detecting SNP TSC0000037.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
PS Claim 1; SEQ ID NO 198; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

QY 948 TTAATGTA 956
DB 3 TTAATGTA 11
|||||

RESULT 3165
ABC51256
ID ABC51256 standard; DNA; 13 BP.
XX
AC ABC51256;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTAATGTA 956
DB 11 TTAATGTA 3
|||||

RESULT 3164
ABF01102
ID ABF01102 standard; DNA; 13 BP.
XX
AC ABF01102;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 101099 for detecting SNP TSC0025158.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
PS Claim 1; SEQ ID NO 101099; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTAATGTA 956
DB 3 TTAATGTA 11
|||||

RESULT 3165
ABC51256
ID ABC51256 standard; DNA; 13 BP.
XX
AC ABC51256;

```
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 51273 for detecting SNP TSC0014324.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WIPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WIPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PF Claim 1; SEQ ID NO 51273; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e-03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 949 TTAATGAT 957
XX DB |||||
XX 3 TTAATGAT 11
XX RESULT 3166
XX ABC28793
XX ID ABC28793 standard; DNA; 13 BP.
XX AC ABC28793;
XX AC ABC28793;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 28910 for detecting SNP TSC0008389.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WIPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PF Claim 1; SEQ ID NO 28910; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e-03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 949 TTAATGAT 957
XX DB |||||
XX 3 TTAATGAT 11
XX RESULT 3166
XX ABC28793
XX ID ABC28793 standard; DNA; 13 BP.
XX AC ABC28793;
XX AC ABC28793;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 30095 for detecting SNP TSC0009087.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WIPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PF Claim 1; SEQ ID NO 28810; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 1 C; 0 G; 10 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e-03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 907 ATTTCCTTT 915
XX DB |||||
XX 2 ATTTCCTTT 10
XX RESULT 3167
XX ABC30078
XX ID ABC30078 standard; DNA; 13 BP.
XX AC ABC30078;
XX AC ABC30078;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 30095 for detecting SNP TSC0009087.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WIPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PF Claim 1; SEQ ID NO 28810; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 1 C; 0 G; 10 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e-03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 907 ATTTCCTTT 915
XX DB |||||
XX 2 ATTTCCTTT 10
XX RESULT 3167
XX ABC30078
XX ID ABC30078 standard; DNA; 13 BP.
XX AC ABC30078;
XX AC ABC30078;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 30095 for detecting SNP TSC0009087.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WI WIPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
```

PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 30095; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 943 ATTGGTTTA 951

Db 1 ATTGGTTTA 9

RESULT 3168

ABC31015
 ID ABC31015 standard; DNA; 13 BP.

AC ABC31015;

DT 20-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 31032 for detecting SNP TSC00095560.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 31032; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 905 TCATTTTCT 913

Db 5 TCATTTTCT 13

RESULT 3169

ABC07438/C
 ID ABC07438 standard; DNA; 13 BP.

XX AC ABC07438;

XX 20-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 7429 for detecting SNP TSC0002158.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 7429; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 8 A; 0 C; 3 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 907 ATTTCCTTT 915

Db 5 ATTTCCTTT 13


```

Db      10 ATTTCTTT 2
RESULT 3170
ABF07564/c
ID      ABF07564 standard; DNA; 13 BP.
XX
XX
AC      ABF07564;
XX
DT      21-FEB-2002 (first entry)
XX
DE      Oligonucleotide SEQ ID NO 107561 for detecting SNP TSC0026929.
XX
KW      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW      peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW      central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS      Homo sapiens.
XX
PN      WO200177384-A2.
XX
PD      18-OCT-2001.
XX
DE      06-APR-2001; 2001WO-IB000713.
XX
DE      07-APR-2000; 2000DE-01019173.
XX
PA      (EPIG-) EPIGENOMICS AG.
XX
PI      Olek A, Piepenbrock C, Berlin K;
XX
DR      WPI; 2001-657177/75.
XX
XX      Set of oligonucleotides, useful for diagnosis and cell typing, is
PT      designed to detect single-nucleotide polymorphisms and cytosine
PT      methylation status.
XX
PS      Claim 1; SEQ ID NO 107561; 29pp + Sequence Listing; German.
XX
XX      This invention describes novel oligonucleotide primers or peptide nucleic
CC      acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC      and cytosine methylation status in chemically pretreated genomic DNA. The
CC      oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC      range of diseases including immune system, gastrointestinal, respiratory,
CC      central nervous system, cardiovascular and metabolic disorders. The
CC      oligomers are also used for detecting cell type differentiation. ABC00010
CC      -ABF07564, ABF07564, ABH00010-ABH99989 and ABI00010-ABI82073
CC      represent the oligomers described in the invention. NOTE: The sequence
CC      data for this patent did not form part of the printed specification, but
CC      was obtained in electronic format from WIPO at
CC      ftp.wipo.int/pub/published_pct_sequences
XX
PS      Claim 1; SEQ ID NO 107561; 29pp + Sequence Listing; German.
XX
XX      This invention describes novel oligonucleotide primers or peptide nucleic
CC      acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC      and cytosine methylation status in chemically pretreated genomic DNA. The
CC      oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC      range of diseases including immune system, gastrointestinal, respiratory,
CC      central nervous system, cardiovascular and metabolic disorders. The
CC      oligomers are also used for detecting cell type differentiation. ABC00010
CC      -ABF07564, ABF07564, ABH00010-ABH99989 and ABI00010-ABI82073
CC      represent the oligomers described in the invention. NOTE: The sequence
CC      data for this patent did not form part of the printed specification, but
CC      was obtained in electronic format from WIPO at
CC      ftp.wipo.int/pub/published_pct_sequences
XX
SQ      Sequence 13 BP; 3 A; 1 C; 7 G; 2 T; 0 U; 0 Other;
Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      930 ATCCCTCTCT 938
Db      13 ATCCCTCTCT 5
RESULT 3171
ABC09626/c
ID      ABC09626 standard; DNA; 13 BP.
XX
XX
AC      ABC09626;
XX
DT      20-FEB-2002 (first entry)
XX
DE      Oligonucleotide SEQ ID NO 9617 for detecting SNP TSC0002514.
XX
XX
KW      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW      peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW      central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS      Homo sapiens.
XX
PN      WO200177384-A2.
XX
PD      18-OCT-2001.
XX
DE      06-APR-2001; 2001WO-IB000713.
XX
DE      07-APR-2000; 2000DE-01019173.
XX
PA      (EPIG-) EPIGENOMICS AG.
XX
PI      Olek A, Piepenbrock C, Berlin K;
XX
DR      WPI; 2001-657177/75.
XX
XX      Set of oligonucleotides, useful for diagnosis and cell typing, is
PT      designed to detect single-nucleotide polymorphisms and cytosine
PT      methylation status.
XX
PS      Claim 1; SEQ ID NO 107561; 29pp + Sequence Listing; German.
XX
XX      This invention describes novel oligonucleotide primers or peptide nucleic
CC      acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC      and cytosine methylation status in chemically pretreated genomic DNA. The
CC      oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC      range of diseases including immune system, gastrointestinal, respiratory,
CC      central nervous system, cardiovascular and metabolic disorders. The
CC      oligomers are also used for detecting cell type differentiation. ABC00010
CC      -ABF07564, ABF07564, ABH00010-ABH99989 and ABI00010-ABI82073
CC      represent the oligomers described in the invention. NOTE: The sequence
CC      data for this patent did not form part of the printed specification, but
CC      was obtained in electronic format from WIPO at
CC      ftp.wipo.int/pub/published_pct_sequences
XX
SQ      Sequence 13 BP; 3 A; 1 C; 7 G; 2 T; 0 U; 0 Other;
Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      930 ATCCCTCTCT 938
Db      13 ATCCCTCTCT 5
RESULT 3172
ABC35206
ID      ABC35206 standard; DNA; 13 BP.
XX
XX
AC      ABC35206;
XX
DT      20-FEB-2002 (first entry)
XX
DE      Oligonucleotide SEQ ID NO 35223 for detecting SNP TSC0011165.
XX
XX
KW      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW      peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW      central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS      Homo sapiens.
XX
PN      WO200177384-A2.
XX
PD      18-OCT-2001.
XX
DE      06-APR-2001; 2001WO-IB000713.
XX
DE      07-APR-2000; 2000DE-01019173.
XX

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XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 35223; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX DB 3 TTAATGTAT 11
XX
XX RESULT 3173
XX ABC64903/C
XX ID ABC64903 standard; DNA; 13 BP.
XX AC ABC64903;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 64920 for detecting SNP TSC0017101.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 64920; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 943 ATTGTTTAAAT 953
XX DB 11 ATTGTTTAAAY 1
XX
XX RESULT 3174
XX ABC90352
XX ID ABC90352 standard; DNA; 13 BP.
XX AC ABC90352;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 90369 for detecting SNP TSC0022651.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 90369; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX
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SQ Sequence 13 BP; 0 A; 0 C; 4 G; 8 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 308 TTTTCTTTGGT 918
|||||
Db 3 TTTTGTITGGY 13

RESULT 3175
ABF16825
ID ABF16825 standard; DNA; 13 BP.
XX AC
XX ABF16825;
XX AC
XX 21-FEB-2002 (first entry)
XX DT
XX 308 TTTTCTTTGGT 918
XX DE |||||
XX DB 3 TTTTGTITGGY 13
XX AC
XX ABF16825;
XX AC
XX 21-FEB-2002 (first entry)
XX DT
XX Oligonucleotide SEQ ID NO 116822 for detecting SNP TSC0029233.
XX DE
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX OS
XX WO200177384-A2.
XX FN
XX 18-OCT-2001.
XX PD
XX 06-APR-2001; 2001WO-IB000713.
XX PF
XX 07-APR-2000; 2000DE-01019173.
XX PR
XX (EPIG-) EPIGENOMICS AG.
XX PA
XX Olek A, Piepenbrock C, Berlin K;
XX PI
XX WPI; 2001-657177/75.
XX DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PT
XX Claim 1; SEQ ID NO 116822; 29pp + Sequence Listing; German.
XX PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABH00010-ABH82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC
XX SQ Sequence 13 BP; 2 A; 7 C; 0 G; 3 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 331 TCCCTCCTC 939
|||||
Db 4 TCCCTCCTC 12

RESULT 3176
ABF19825/c
ID ABF19825 standard; DNA; 13 BP.
XX AC
XX ABF19825;
XX AC
XX 21-FEB-2002 (first entry)
XX DT
XX Oligonucleotide SEQ ID NO 120967 for detecting SNP TSC0030182.
XX DE
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX OS
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XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 120967; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC
XX SQ Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCTTT 915
Db 12 ATTTCTTT 4
RESULT 3178
ABF33099/c
ID ABF33099 standard; DNA; 13 BP.
XX AC ABF33099;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 133096 for detecting SNP TSC0033208.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 133096; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC
XX SQ Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCTTT 915
Db 12 ATTTCTTT 4
RESULT 3179
ABF35934/c
ID ABF35934 standard; DNA; 13 BP.
XX AC ABF35934;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 135931 for detecting SNP TSC0033944.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 135931; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,

```

CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 0 C; 6 G; 1 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTC 942
Db 12 CTCCTCTTC 4

RESULT 3180
ABF67404/C
ID ABF67404 standard; DNA; 13 BP.
XX AC ABF67404;
XX AC ABF67404;
DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 167401 for detecting SNP TSC0041907.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX WO200177384-A2.
XX PN 18-OCT-2001.
XX PD 06-APR-2001; 2001WO-IB000713.
XX PF 07-APR-2000; 2000DE-01019173.
XX PR (EPIG-) EPIGENOMICS AG.
XX PA Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 167401; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 0 C; 3 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCT 935
Db 13 TTTATCCCT 5

RESULT 3181
ABF93596
ID ABF93596 standard; DNA; 13 BP.
XX AC ABF93596;
XX AC ABF93596;
DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 193593 for detecting SNP TSC0047627.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX WO200177384-A2.
XX PN 18-OCT-2001.
XX PD 06-APR-2001; 2001WO-IB000713.
XX PF 07-APR-2000; 2000DE-01019173.
XX PR (EPIG-) EPIGENOMICS AG.
XX PA Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 193593; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 5 A; 1 C; 3 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 951 AATGTATCG 959
Db 4 AATGTATCG 12

RESULT 3182
ABF94866
ID ABF94866 standard; DNA; 13 BP.
XX AC ABF94866;
XX AC ABF94866;
DT 22-FEB-2002 (first entry)

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XX DE Oligonucleotide SEQ ID NO 194863 for detecting SNP TSC005457.
XX ID ABF45492
XX AC ABF45492
XX DN 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 145489 for detecting SNP TSC0036633.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 194863; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI02073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 3 G; 5 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 948 TTTAATGTA 956
XX Db 1 TTTAATGTA 9
XX RESULT 3183
XX ABF45492
XX ID ABF45492 standard; DNA; 13 BP.
XX AC ABF45492;
XX DN 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 145489 for detecting SNP TSC0036633.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 194863; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI02073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 3 G; 5 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 948 TTTAATGTA 956
XX Db 1 TTTAATGTA 9
XX RESULT 3183
XX ABF45492
XX ID ABF45492 standard; DNA; 13 BP.
XX AC ABF45492;
XX DN 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 145489 for detecting SNP TSC0036633.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 145489; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI02073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 0 C; 4 G; 6 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 947 GTTAAATGTA 957
XX Db 3 GTTAAATGTA 13
XX RESULT 3184
XX ABF46627
XX ID ABF46627 standard; DNA; 13 BP.
XX AC ABF46627;
XX DN 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 146624 for detecting SNP TSC0036981.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

```

XX
PS Claim 1; SEQ ID NO 146624; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 1 C; 0 G; 8 T; 0 U; 1 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 947 GTTTAACTAT 957
Db 1 TTTTAACTAT 11
XX
RESULT 3185
ABF46745
ID ABF46745 standard; DNA; 13 BP.
XX
AC ABF46745;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 146742 for detecting SNP TSC0037012.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 146742; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 905 TCATTTTCT 913
Db 2 TCATTTTCT 10
XX
RESULT 3186
ABH22108
ID ABH22108 standard; DNA; 13 BP.
XX
XX ABH22108;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 222085 for detecting SNP TSC0054045.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 222085; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 0 C; 2 G; 9 T; 0 U; 1 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 908 TTTTCTTCTG 918
Db 3 TTTTCTTCTG 13

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RESULT 3187
ABH22109/c
ID ABH22109 standard; DNA; 13 BP.
XX
XX
AC ABH22109;
XX
XX
DT 22-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 222086 for detecting SNP TSC0054045.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX
FN WO200177384-A2.
XX
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX
DE Oligonucleotide SEQ ID NO 222086 for detecting SNP TSC0054045.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX
FN WO200177384-A2.
XX
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX
DE Oligonucleotide SEQ ID NO 222086; 29pp + Sequence Listing; German.
XX
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX
PS Claim 1; SEQ ID NO 222086; 29pp + Sequence Listing; German.
XX
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX
PS Sequence 13 BP; 9 A; 2 C; 0 G; 1 T; 0 U; 1 Other;
XX
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX
QY 908 TTTTCTTTGGT 918
DB 11 TTTTCTTTGGY 1
XX
XX
RESULT 3188
ABF99808/c
ID ABF99808 standard; DNA; 13 BP.
XX
XX
AC ABF99808;
XX
XX
DT 22-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 199805 for detecting SNP TSC0049154.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

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KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 199805; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX
SQ Sequence 13 BP; 10 A; 0 C; 2 G; 1 T; 0 U; 0 Other;
XX
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX
QY 907 ATTTCCTTT 915
DB 12 ATTTCCTTT 4
XX
XX
RESULT 3189
ABH00054/c
ID ABH00054 standard; DNA; 13 BP.
XX
XX
AC ABH00054;
XX
XX
DT 22-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 200031 for detecting SNP TSC0049223.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX
OS Homo sapiens.
XX
XX
FN WO200177384-A2.
XX
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX
PR 07-APR-2000; 2000DE-01019173.
XX
XX
PA (EPIG-) EPIGENOMICS AG.

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XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 200031; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTTCCTT 914
Db 10 CATTTTCCTT 2
RESULT 3190
ABF75025/C
ID ABF75025 standard; DNA; 13 BP.
XX AC ABF75025;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 175022 for detecting SNP TSC0043505.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 175022; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
Db 12 TTTAATGTA 4
RESULT 3191
ABF50735/C
ID ABF50735 standard; DNA; 13 BP.
XX AC ABF50735;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 150732 for detecting SNP TSC0038032.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 150732; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
SQ

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
 DB 12 TTAATGTAT 4
 |||||

RESULT 3192

ABF55297/c
 ID ABF55297 standard; DNA; 13 BP.

XX
 AC ABF55297;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 155294 for detecting SNP TSC0001351.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 155294; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 1 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958

DB 11 TTTAATGTAT 1
 |||||

RESULT 3193

ABH33438/c
 ID ABH33438 standard; DNA; 13 BP.

XX

AC ABH33438;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 233415 for detecting SNP TSC0056954.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 233415; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 0 C; 6 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCC 937

DB 9 TATCCCTCC 1
 |||||

RESULT 3194

ABH09027/c

ID ABH09027 standard; DNA; 13 BP.

XX ABH09027;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 209004 for detecting SNP TSC0051043.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955
 |||||
 DB 1 GTTTAATGT 9

RESULT 3197
 ABF86232/C
 ID ABF86232 standard; DNA; 13 BP.

XX AC ABF86232;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 186229 for detecting SNP TSC0045874.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.

XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX PS Claim 1; SEQ ID NO 186229; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934
 |||||
 DB 1 TTTTATCCC 9

RESULT 3198
 ABF63757
 ID ABF63757 standard; DNA; 13 BP.
 XX AC ABF63757;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 163754 for detecting SNP TSC0041141.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.

XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX PS Claim 1; SEQ ID NO 163754; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 3 A; 1 C; 0 G; 9 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
 |||||
 DB 2 ATTTCCTTT 10

RESULT 3199
 ABF65844
 ID ABF65844 standard; DNA; 13 BP.
 XX AC ABF65844;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 165841 for detecting SNP TSC0041589.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 165841; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 0 C; 6 G; 5 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 Db 4 TTGGTTTAA 12
 RESULT 3200
 ABF90916/c
 ID ABF90916 standard; DNA; 13 BP.
 XX AC ABF90916;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 190913 for detecting SNP TSC0046961.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX Claim 1; SEQ ID NO 165841; 29pp + Sequence Listing; German.

PR 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 190913; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 0 C; 5 G; 3 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 928 TTATCCCTC 936
 Db 13 TTATCCCTC 5
 RESULT 3201
 ABH41562
 ID ABH41562 standard; DNA; 13 BP.
 XX AC ABH41562;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 241539 for detecting SNP TSC0001480.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 241539; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) CC and cytosine methylation status in chemically pretreated genomic DNA. The CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC range of diseases including immune system, gastrointestinal, respiratory, CC central nervous system, cardiovascular and metabolic disorders. The CC oligomers are also used for detecting cell type differentiation. ABC00010 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 CC represent the oligomers described in the invention. NOTE: The sequence CC data for this patent did not form part of the printed specification, but CC was obtained in electronic format from WIPO at CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGAT 957
DB 2 TTAATGAT 10
|||||

RESULT 3202
ABH42699
ID ABH42699 standard; DNA; 13 BP.
XX
AC ABH42699;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 242676 for detecting SNP TSC0059214.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 242676; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) CC and cytosine methylation status in chemically pretreated genomic DNA. The CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC range of diseases including immune system, gastrointestinal, respiratory, CC central nervous system, cardiovascular and metabolic disorders. The CC oligomers are also used for detecting cell type differentiation. ABC00010 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 CC represent the oligomers described in the invention. NOTE: The sequence CC data for this patent did not form part of the printed specification, but CC was obtained in electronic format from WIPO at CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCCT 913
DB 4 TCATTTCCT 12
|||||

RESULT 3203
ABH43248
ID ABH43248 standard; DNA; 13 BP.
XX
AC ABH43248;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 243225 for detecting SNP TSC0059329.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 243225; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) CC and cytosine methylation status in chemically pretreated genomic DNA. The CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC range of diseases including immune system, gastrointestinal, respiratory, CC central nervous system, cardiovascular and metabolic disorders. The CC oligomers are also used for detecting cell type differentiation. ABC00010 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 CC represent the oligomers described in the invention. NOTE: The sequence CC data for this patent did not form part of the printed specification, but CC was obtained in electronic format from WIPO at CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 0 C; 1 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 4 TTTAATGTA 12
|||||

RESULT 3204

XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 249496; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 905 TCATTTCT 913
 DB 5 TCATTTCT 13
 RESULT 3207
 ABH49632/c
 ID ABH49632 standard; DNA; 13 BP.
 XX AC ABH49632;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 249609 for detecting SNP TSC0060979.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 WPI; 2001-657177/75.
 Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 249609; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 0 C; 4 G; 2 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 926 TTTTATCCC 934
 DB 9 TTTTATCCC 1
 RESULT 3208
 ABH55807/c
 ID ABH55807 standard; DNA; 13 BP.
 XX AC ABH55807;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 255784 for detecting SNP TSC0062332.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 WPI; 2001-657177/75.
 Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 255784; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;


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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 TTAATGTAT 957
Db 11 TTAATGTAT 3
|||||

RESULT 3209
ABH64271
ID ABH64271 standard; DNA; 13 BP.
XX AC ABH64271;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 264248 for detecting SNP TSC0064035.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 264248; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 1 C; 0 G; 10 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 907 ATTTCTTT 915
Db 2 ATTTCTTT 10
|||||

RESULT 3210
ABC45130
ID ABC45130 standard; DNA; 13 BP.
XX AC ABC45130;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 73010 for detecting SNP TSC0018833.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
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DT 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 45147 for detecting SNP TSC0013178.
DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 45147; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956
Db 1 TTTAATGTA 9
|||||

RESULT 3211
ABC72993/C
ID ABC72993 standard; DNA; 13 BP.
XX AC ABC72993;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 73010 for detecting SNP TSC0018833.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
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XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX PS Claim 1; SEQ ID NO 73010; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 944 TTGGTTTAA 952
DB 9 TTGGTTTAA 1
|||||||

RESULT 3212
ABC74362
ID ABC74362 standard; DNA; 13 BP.
XX AC ABC74362;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 74379 for detecting SNP TSC0019118.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX PS Claim 1; SEQ ID NO 24406; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 944 TTGGTTTAA 952
DB 4 TTGGTTTAA 12
|||||||

RESULT 3213
ABC24389/C
ID ABC24389 standard; DNA; 13 BP.
XX AC ABC24389;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 24406 for detecting SNP TSC0005820.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX PS Claim 1; SEQ ID NO 24406; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 7 A; 4 C; 0 G; 2 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 944 TTGCTTTAA 952

Db 9 TTGCTTTAA 1

RESULT 3214

ABC52698
ID ABC52698 standard; DNA; 13 BP.

XX AC ABC52698;

DT 21-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 52715 for detecting SNP TSC0014600.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 52715; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -AB09989, AB00010-ABF9989, AB00010-ABH9989 and AB00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 947 GTTTAATGT 955

Db 1 GTTTAATGT 9

RESULT 3215

ABC04719
ID ABC04719 standard; DNA; 13 BP.

XX AC ABC04719;

XX 20-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 4710 for detecting SNP TSC0001694.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 4710; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -AB09989, AB00010-ABF9989, AB00010-ABH9989 and AB00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 1 A; 5 C; 0 G; 6 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 937 CTCCTTCATT 945

Db 2 CTCCTTCATT 10

RESULT 3216

ABC30020
ID ABC30020 standard; DNA; 13 BP.

XX AC ABC30020;

XX 20-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 30037 for detecting SNP TSC0009041.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX WO200177384-A2.
 PN 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 30037; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 1 C; 2 G; 7 T; 0 U; 1 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 921 TTGCCTTTTAT 931
 DB |||||
 3 TTGCCTTTTAY 13
 RESULT 3217
 ABC30079/c
 ID ABC30079 standard; DNA; 13 BP.
 XX ABC30079;
 AC 20-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 30096 for detecting SNP TSC0009087.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 107562; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic

PA (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 30096; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 943 ATTGCTTTTA 951
 DB |||||
 13 ATTGCTTTTA 5
 RESULT 3218
 ABF07565
 ID ABF07565 standard; DNA; 13 BP.
 XX ABF07565;
 AC 21-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 107562 for detecting SNP TSC0026929.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 107562; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic

```
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 7 C; 1 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCT 938
Db 1 ATCCCTCT 9

RESULT 3219
ABCI0609/C
ID ABCI0609 standard; DNA; 13 BP.
AC ABCI0609;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 10600 for detecting SNP TSC0002667.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 10600; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
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Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
Db 9 ATTGGTTTA 1

RESULT 3220
ABCI1795/C
ID ABCI1795 standard; DNA; 13 BP.
XX
AC ABCI1795;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 11802 for detecting SNP TSC0002846.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 11802; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958
Db 11 TTGAATGTATY 1

RESULT 3221
ABFI2493
ID ABFI2493 standard; DNA; 13 BP.
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XX AC ABF12493;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 112490 for detecting SNP TSC0028130.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 112490; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB12073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 2 A; 5 C; 2 G; 4 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB12073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Query Match 12.3%; Score 9; DB 1; Length 13;
XX PS Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX PS Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 957 TCGCTACCA 965
Db 5 TCGCTACCA 13
RESULT 3222
ABCI5318
ID ABC15318 standard; DNA; 13 BP.
XX AC ABC15318;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 15325 for detecting SNP TSC0003405.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.

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PN WO200177384-A2.
XX 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 15325; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB12073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTATATGTA 956
Db 1 TTATATGTA 9
RESULT 3223
ABF14654
ID ABF14654 standard; DNA; 13 BP.
XX AC ABF14654;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 114651 for detecting SNP TSC0028702.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.

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XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 114651; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABR00010-ABR2073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 944 TTGGTTTAA 952
Db 4 TTGGTTTAA 12
RESULT 3224
ABF27637/C
ID ABF27637 standard; DNA; 13 BP.
XX
AC ABF27637;
XX
XX 21-FEB-2002 (first entry)
DT
XX
DE Oligonucleotide SEQ ID NO 127634 for detecting SNP TSC0031952.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
PN
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
PF
XX
XX 07-APR-2000; 2000DE-01019173.
PR
XX
XX (EPIG-) EPIGENOMICS AG.
PA
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 127634; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABR00010-ABR2073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 945 TCGTTTAAAT 953
Db 11 TCGTTTAAAT 3
RESULT 3225
ABF37416/C
ID ABF37416 standard; DNA; 13 BP.
XX
AC ABF37416;
XX
XX 21-FEB-2002 (first entry)
DT
XX
DE Oligonucleotide SEQ ID NO 137413 for detecting SNP TSC0034333.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
PN
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
PF
XX
XX 07-APR-2000; 2000DE-01019173.
PR
XX
XX (EPIG-) EPIGENOMICS AG.
PA
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 137413; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABR00010-ABR2073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 7 A; 0 C; 5 G; 1 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 924 CCTTTTATC 932
 DB 12 CCTTTTATC 4
 RESULT 3226
 ABF40355
 ID ABF40355 standard; DNA; 13 BP.
 AC ABF40355;
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 140352 for detecting SNP TSC0035179.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 140352; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 4 C; 1 G; 5 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 956 ATCGCTACCA 966
 DB 1 RTCGCTTCAA 11
 RESULT 3227
 ABF40971
 ID ABF40971 standard; DNA; 13 BP.
 AC ABF40971;
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 140971 for detecting SNP TSC0042274.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 140971; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 4 C; 1 G; 5 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

DE Oligonucleotide SEQ ID NO 140968 for detecting SNP TSC0035329.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 140968; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 1 C; 0 G; 10 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTTCTTT 915
 DB 2 ATTTTCTTT 10
 RESULT 3228
 ABF69192/C
 ID ABF69192 standard; DNA; 13 BP.
 XX
 AC ABF69192;
 XX
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 169189 for detecting SNP TSC0042274.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 140968; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 1 C; 0 G; 10 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;


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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 937 CTCCTTCATT 945
Db 12 CTCCTTCATT 4

RESULT 3231
ABH29132
ID ABH29132 standard; DNA; 13 BP.
XX
AC ABH29132;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 229109 for detecting SNP TSC0055895.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 229109; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC000-0
CC -ABC99989, ABF0010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956
Db 2 TTTAATGTA 10

RESULT 3232
ABH31032
ID ABH31032 standard; DNA; 13 BP.
XX
AC ABH31032;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 231009 for detecting SNP TSC0007714.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 231009; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC000-0
CC -ABC99989, ABF0010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 4 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 947 GTTAAATGTA 957
Db 3 GTTAAATGTA 13

RESULT 3233
ABH06810
ID ABH06810 standard; DNA; 13 BP.
XX
AC ABH06810;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206787 for detecting SNP TSC0050594.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

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XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 182800; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 1 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 2 TTAATGTAT 10

RESULT 3234
ABF82803/c
ID ABF82803 standard; DNA; 13 BP.
XX AC ABF82803;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 182800 for detecting SNP TSC0008038.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 206787; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 12 TTAATGTAT 4

RESULT 3235
ABF87317/c
ID ABF87317 standard; DNA; 13 BP.
XX AC ABF87317;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187314 for detecting SNP TSC0046171.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187314; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;

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XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 188639 for detecting SNP TSC0046446.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 188639; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 8 A; 0 C; 3 G; 2 T; 0 U; 0 Other;
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 905 TCATTCTCT 913
 DB |||||
 9 TCATTCTCT 1
 RESULT 3239
 ABH15417
 ID ABH15417 standard; DNA; 13 BP.
 XX AC ABH15417;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 215394 for detecting SNP TSC0005293.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 215394; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 8 A; 0 C; 3 G; 2 T; 0 U; 0 Other;
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 905 TCATTCTCT 913
 DB |||||
 9 TCATTCTCT 1
 RESULT 3239
 ABH15417
 ID ABH15417 standard; DNA; 13 BP.
 XX AC ABH15417;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 215394 for detecting SNP TSC0005293.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PD 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 215394; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 2 A; 4 C; 0 G; 7 T; 0 U; 0 Other;
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 937 CTCCTTCATT 945
 DB 2 CTCCTTCATT 10
 RESULT 3240
 ABH40454
 ID ABH40454 standard; DNA; 13 BP.
 XX AC ABH40454;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 240431 for detecting SNP TSC0058647.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX
PS Claim 1; SEQ ID NO 240431; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 3 TTAATGTAT 11
|||||

RESULT 3241

ABH40455/C
ID ABH40455 standard; DNA; 13 BP.

XX
AC ABH40455;

XX 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 240432 for detecting SNP TSC0058647.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 240432; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 11 TTAATGTAT 3
|||||

RESULT 3242

ABF65845/C
ID ABF65845 standard; DNA; 13 BP.

XX
AC ABF65845;

XX 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 165842 for detecting SNP TSC0041589.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 165842; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 6 C; 0 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTAA 952
|||||

Db 10 TTGGTTTAA 2

RESULT 3243
ID ABH61417/c
XX ABH61417 standard; DNA; 13 BP.
AC ABH61417;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 261394 for detecting SNP TSC0063448.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIC-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 261394; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 947 GTTTAATGT 955
XX 10 GTTTAATGT 2
XX
RESULT 3244
ID ABC93064
XX ABC93064 standard; DNA; 13 BP.
XX
AC ABC93064;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 93081 for detecting SNP TSC0023271.
XX

KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIC-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 93081; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 943 ATTGGTTTA 951
XX 4 ATTGGTTTA 12
XX
RESULT 3245
ID ABF02988
XX ABF02988 standard; DNA; 13 BP.
XX
AC ABF02988;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 102985 for detecting SNP TSC0025739.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX

XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 102985; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

XX SQ Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGAT 957
 DB 5 TTAATGAT 13
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 |||||

RESULT 3246
 ABC54406
 ID ABC54406 standard; DNA; 13 BP.
 XX AC ABC54406;
 XX 21-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 54423 for detecting SNP TSC0014927.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 54423; 29pp + Sequence Listing; German.

XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 102985; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
 DB 2 TTTAATGTA 10
 |||||
 |||||

RESULT 3247
 ABC05359/c
 ID ABC05359 standard; DNA; 13 BP.
 XX AC ABC05359;
 XX 20-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 5350 for detecting SNP TSC0001808.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 5350; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX


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SQ Sequence 13 BP; 7 A; 4 C; 1 G; 0 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
DB 11 TTTTCTTTGGY 1
|||||
|

RESULT 3248
ABC05632
ID ABC05632 standard; DNA; 13 BP.
XX AC ABC05632;
XX AC
XX 20-FEB-2002 (first entry)
XX 20-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 5632 for detecting SNP TSC0001850.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 5623; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
DB 5 TTGGTTTAA 13
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|

RESULT 3249
ABC07084/C
ID ABC07084 standard; DNA; 13 BP.
XX AC ABC07084;
XX AC
XX 20-FEB-2002 (first entry)
XX 20-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 7075 for detecting SNP TSC0002095.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 7075; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 8 A; 0 C; 1 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
DB 11 ATTTTCTTT 3
|||||
|

RESULT 3250
ABC58962/C
ID ABC58962 standard; DNA; 13 BP.
XX AC ABC58962;
XX AC
XX 21-FEB-2002 (first entry)
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 58979 for detecting SNP TSC0015803.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
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XX PN WO200177384-A2.
XX XX
XX PD 18-OCT-2001.
XX PF
XX PP 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX PP WPI; 2001-657177/75.
XX DR
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 58979; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Claim 1; SEQ ID NO 58979; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 0 C; 4 G; 1 T; 0 U; 1 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 907 ATTTCCTTT 915
XX DB |||||
XX DB 12 ATTTCCTTT 4
XX RESULT 3251
XX ID ABF09983/c
XX AC ABF09983 standard; DNA; 13 BP.
XX AC ABF09983;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 109980 for detecting SNP TSC0027481.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX XX
XX DT 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 109980; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 948 TTTAATGTA 956
XX DB |||||
XX DB 10 TTTAATGTA 2
XX RESULT 3252
XX ID ABC64898 standard; DNA; 13 BP.
XX AC ABC64898;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 64915 for detecting SNP TSC0017101.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX XX
XX DT 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 64915; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
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CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -AB09989, AB00010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 3 A; 0 C; 2 G; 7 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 943 ATTGGTTTAAT 953
 DB 3 ATTGGTTTAA 13
 RESULT 3253
 ABC64899/C
 ID ABC64899 standard; DNA; 13 BP.
 XX AC ABC64899;
 XX AC ABC64899;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 64916 for detecting SNP TSC0017101.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 64916; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -AB09989, AB00010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 7 A; 2 C; 0 G; 3 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAT 953
 DB 3 ATTGGTTTAA 13
 RESULT 3253
 ABC64899/C
 ID ABC64899 standard; DNA; 13 BP.
 XX AC ABC64899;
 XX AC ABC64899;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 64916 for detecting SNP TSC0017101.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 64916; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -AB09989, AB00010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 7 A; 2 C; 0 G; 3 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAT 953
 DB 11 ATTGGTTTAA 1
 RESULT 3254
 ABF15969/C
 ID ABF15969 standard; DNA; 13 BP.
 XX AC ABF15969;
 XX AC ABF15969;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 115966 for detecting SNP TSC0029061.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 115966; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -AB09989, AB00010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 9 A; 2 C; 0 G; 1 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCTTTTGTC 919
 DB 11 TTTTITGTY 1
 RESULT 3255
 ABF20971
 ID ABF20971 standard; DNA; 13 BP.
 XX AC ABF20971;
 XX AC ABF20971;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 115966 for detecting SNP TSC0029061.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 115966; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -AB09989, AB00010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 9 A; 2 C; 0 G; 1 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCTTTTGTC 919
 DB 11 TTTTITGTY 1
 RESULT 3255
 ABF20971
 ID ABF20971 standard; DNA; 13 BP.
 XX AC ABF20971;
 XX AC ABF20971;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 115966 for detecting SNP TSC0029061.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 115966; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -AB09989, AB00010-ABF9989, ABH0010-ABH9989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 9 A; 2 C; 0 G; 1 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

XX DE Oligonucleotide SEQ ID NO 120968 for detecting SNP TSC0030182.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 120968; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTCITTT 915
 DB 2 ATTTCITTT 10
 RESULT 3256
 ABF30875
 ID ABF30875 standard; DNA; 13 BP.
 XX AC ABF30875;
 XX DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 130872 for detecting SNP TSC0032666.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX XX WO200177384-A2.
 XX PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX XX WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 130872; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 4 A; 7 C; 1 G; 1 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 960 CTACCAACG 968
 DB 2 CTACCAACG 10
 RESULT 3257
 ABF35935
 ID ABF35935 standard; DNA; 13 BP.
 XX AC ABF35935;
 XX DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 135932 for detecting SNP TSC0033944.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX XX WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX PS Claim 1; SEQ ID NO 135932; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 6 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 934 CTCCTCTTC 942
Db 2 CTCCTCTTC 10
RESULT 3258
ABF94715/c
ID ABF94715 standard; DNA; 13 BP.
XX AC ABF94715;
XX CC
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 194712 for detecting SNP TSC0047890.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 194712; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 6 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 934 CTCCTCTTC 942
Db 2 CTCCTCTTC 10
RESULT 3259
ABF70799/c
ID ABF70799 standard; DNA; 13 BP.
XX AC ABF70799;
XX CC
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 170796 for detecting SNP TSC0042607.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 170796; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 12 TTTAATGTA 4

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 3 C; 0 G; 4 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 943 ATTGGTTTAAT 953
Db 11 AGTGGTTTAAY 1
RESULT 3259
ABF70799/c
ID ABF70799 standard; DNA; 13 BP.
XX AC ABF70799;
XX CC
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 170796 for detecting SNP TSC0042607.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 170796; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 12 TTTAATGTA 4

RESULT 3260
ABF50896/c
ID ABF50896 standard; DNA; 13 BP.
XX
XX
AC ABF50896;
XX
XX
DT 21-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 150893 for detecting SNP TSC0038091.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX
OS Homo sapiens.
XX
XX
FN WO200177384-A2.
XX
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX
PR 07-APR-2000; 2000DE-01019173.
XX
XX
PA (EPiG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX
PS Claim 1; SEQ ID NO 150893; 29pp + Sequence Listing; German.
XX
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX
SQ Sequence 13 BP; 3 A; 1 C; 5 G; 4 T; 0 U; 0 Other;
XX
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX
QY 960 CTACCAACG 968
DB 11 CTACCAACG 3
XX
XX
RESULT 3261
ABF54384
ID ABF54384 standard; DNA; 13 BP.
XX
XX
AC ABF54384;
XX
XX
DT 21-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 154381 for detecting SNP TSC0039008.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX
OS Homo sapiens.
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PN WO200177384-A2.
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PD 18-OCT-2001.
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PF 06-APR-2001; 2001WO-IB000713.
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PR 07-APR-2000; 2000DE-01019173.
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DR WPI; 2001-657177/75.
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PT methylation status.
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PS Claim 1; SEQ ID NO 154381; 29pp + Sequence Listing; German.
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CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
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CC ftp.wipo.int/pub/published_pct_sequences
XX
XX
SQ Sequence 13 BP; 0 A; 1 C; 4 G; 7 T; 0 U; 1 Other;
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XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX
QY 902 TGGTCATTTTC 912
DB 3 TGGTCGTTTTY 13
XX
XX
RESULT 3262
ABF79808/c
ID ABF79808 standard; DNA; 13 BP.
XX
XX
AC ABF79808;
XX
XX
DT 22-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 179805 for detecting SNP TSC0044526.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX
OS Homo sapiens.
XX
XX
PN WO200177384-A2.
XX
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PD 18-OCT-2001.
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PF 06-APR-2001; 2001WO-IB000713.
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PR 07-APR-2000; 2000DE-01019173.
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PA (EPiG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
DR Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 179805; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, cardiovascular and metabolic disorders. The
CC central nervous system, cardiovascular and metabolic disorders. The
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTCTT 914
Db 13 CATTTCTT 5
RESULT 3263
ABF55775
ID ABF55775 standard; DNA; 13 BP.
XX
AC ABF55775;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 155772 for detecting SNP TSC0039332.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
ER 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
PA Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 155772; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
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CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 937 CTCCTTCATT 945
Db 1 CTCCTTCATT 9
RESULT 3264
ABH33663
ID ABH33663 standard; DNA; 13 BP.
XX
AC ABH33663;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 233640 for detecting SNP TSC0057028.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
ER 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 233640; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
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CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 6 C; 0 G; 4 T; 0 U; 0 Other;
SQ

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Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCCT 938
D5 4 ATCCCTCCT 12
|||||

RESULT 3265
ABH09026
ID ABH09026 standard; DNA; 13 BP.
XX AC ABH09026;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 209003 for detecting SNP TSC0051043.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 209003; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
D5 3 TTTAATGTA 11
|||||

RESULT 3266
ABF85210
ID ABF85210 standard; DNA; 13 BP.
XX AC ABF85210
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187722 for detecting SNP TSC0046243.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX FN WO200177384-A2.

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XX 18-OCT-2001.
 XX
 XX 06-APR-2001; 2001WO-IB000713.
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 XX 07-APR-2000; 2000DE-01019173.
 XX
 XX (EPIG-) EPIGENOMICS AG.
 XX
 XX Olek A, Piepenbrock C, Berlin K;
 XX
 XX WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX
 XX Claim 1; SEQ ID NO 187722; 29pp + Sequence Listing; German.
 XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
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 XX
 XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX Qy 949 TTAATGTAT 957
 XX 10 TTAATGTAT 2
 XX
 XX RESULT 3268
 XX ABH44334/C
 XX ID ABH44334 standard; DNA; 13 BP.
 XX
 XX AC ABH44334;
 XX
 XX DT 22-FEB-2002 (first entry)
 XX
 XX Oligonucleotide SEQ ID NO 244311 for detecting SNP TSC0059627.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
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 XX PF 06-APR-2001; 2001WO-IB000713.
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 XX PR 07-APR-2000; 2000DE-01019173.
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 XX Olek A, Piepenbrock C, Berlin K;
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 XX WPI; 2001-657177/75.
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 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
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 XX Claim 1; SEQ ID NO 187722; 29pp + Sequence Listing; German.
 XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
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 XX ftp.wipo.int/pub/published_pct_sequences
 XX
 XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX Qy 949 TTAATGTAT 957
 XX 10 TTAATGTAT 2
 XX
 XX RESULT 3268
 XX ABH44334/C
 XX ID ABH44334 standard; DNA; 13 BP.
 XX
 XX AC ABH44334;
 XX
 XX DT 22-FEB-2002 (first entry)
 XX
 XX Oligonucleotide SEQ ID NO 244311 for detecting SNP TSC0059627.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
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 XX PN WO200177384-A2.
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 XX SQ Sequence 13 BP; 8 A; 0 C; 2 G; 2 T; 0 U; 1 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX Qy 907 ATTTCCTTT 915
 XX 12 ATTTCCTTT 4
 XX
 XX RESULT 3269
 XX ABH53731
 XX ID ABH53731 standard; DNA; 13 BP.
 XX
 XX AC ABH53731;
 XX
 XX DT 22-FEB-2002 (first entry)
 XX
 XX Oligonucleotide SEQ ID NO 253708 for detecting SNP TSC0010907.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
 XX
 XX PF 06-APR-2001; 2001WO-IB000713.
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 XX PR 07-APR-2000; 2000DE-01019173.
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 XX WPI; 2001-657177/75.
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 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX
 XX Claim 1; SEQ ID NO 253708; 29pp + Sequence Listing; German.
 XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
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 PT methylation status.
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 XX Claim 1; SEQ ID NO 244311; 29pp + Sequence Listing; German.
 XX
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 XX and cytosine methylation status in chemically pretreated genomic DNA. The
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 XX SQ Sequence 13 BP; 8 A; 0 C; 2 G; 2 T; 0 U; 1 Other;
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 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX Qy 907 ATTTCCTTT 915
 XX 12 ATTTCCTTT 4
 XX
 XX RESULT 3269
 XX ABH53731
 XX ID ABH53731 standard; DNA; 13 BP.
 XX
 XX AC ABH53731;
 XX
 XX DT 22-FEB-2002 (first entry)
 XX
 XX Oligonucleotide SEQ ID NO 253708 for detecting SNP TSC0010907.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
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 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
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 XX PD 18-OCT-2001.
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 XX PF 06-APR-2001; 2001WO-IB000713.
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 XX PR 07-APR-2000; 2000DE-01019173.
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 XX Claim 1; SEQ ID NO 253708; 29pp + Sequence Listing; German.
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SQ Sequence 13 BP; 1 A; 1 C; 0 G; 11 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
 |||||
 DB 2 ATTTTCTTT 10
 |||||

RESULT 3270
 ABH61885
 ID ABH61885 standard; DNA; 13 BP.
 XX AC ABH61885;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 261862 for detecting SNP TSC0063535.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPTG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 261862; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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SQ Sequence 13 BP; 4 A; 4 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCC 934
 |||||

DB 2 TTTTATCC 10
 |||||

RESULT 3271
 ABH62902/c
 ID ABH62902 standard; DNA; 13 BP.
 XX AC ABH62902;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 262879 for detecting SNP TSC0063772.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 262879; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 8 A; 0 C; 3 G; 2 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTTCT 913
 |||||
 DB 10 TCATTTTCT 2
 |||||

RESULT 3272
 ABC42333/c
 ID ABC42333 standard; DNA; 13 BP.
 XX AC ABC42333;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 42350 for detecting SNP TSC0012636.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 42350; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Oy 949 TTAATGTAT 957
Db 10 TTAATGTAT 2
|||||
RESULT 3273
ABC42605/C
ID ABC42605 standard; DNA; 13 BP.
XX
XX ABC42605;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 42622 for detecting SNP TSC0012696.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX

PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 42622; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 4 C; 0 G; 3 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Oy 947 GTTTAATGT 955
Db 11 GTTTAATGT 3
|||||
RESULT 3274
ABC67775/C
ID ABC67775 standard; DNA; 13 BP.
XX
XX ABC67775;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 67792 for detecting SNP TSC0017701.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 67792; 29pp + Sequence Listing; German.
XX

XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 3 C; 1 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCCTTTAT 931
Db 11 TTGCCTTTAT 1

RESULT 3275
ABC68721
ID ABC68721 standard; DNA; 13 BP.
AC ABC68721;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 68738 for detecting SNP TSC0017910.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
PN WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
PT
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
PT
XX
XX Claim 1; SEQ ID NO 68738; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
Db 5 ATTTCCTTT 13

RESULT 3276
ABC00206
ID ABC00206 standard; DNA; 13 BP.
XX
XX AC ABC00206;
XX
XX 20-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 197 for detecting SNP TSC0000037.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
PN WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
PT
XX
XX Claim 1; SEQ ID NO 197; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 3 TTTAATGTA 11

RESULT 3277

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ABC82247/c
ID ABC82247 standard; DNA; 13 BP.
XX AC ABC82247;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 82264 for detecting SNP TSC0020780.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WIPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 82264; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX Db 11 TTAATGTAT 3
XX
XX RESULT 3278
XX ABC58867
XX ID ABC58867 standard; DNA; 13 BP.
XX AC ABC58867;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 58884 for detecting SNP TSC0015775.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WIPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 82264; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 923 GCCTTTTATCC 933
XX Db 1 RCCTTTTATCCC 11
XX
XX RESULT 3279
XX ABC35056
XX ID ABC35056 standard; DNA; 13 BP.
XX AC ABC35056;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 35073 for detecting SNP TSC0011132.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
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XX DR WPI; 2001-657177/75.
XX CC
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 35073; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC
XX SQ Sequence 13 BP; 1 A; 1 C; 4 G; 6 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 921 TTGCCTTTTAT 931
DB 3 TTGCCTTTTAY 13
|||||
XX
RESULT 3280
ABC63698
ID ABC63698 standard; DNA; 13 BP.
XX
XX AC ABC63698;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE
XX DE Oligonucleotide SEQ ID NO 63715 for detecting SNP TSC0016826.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC
XX SQ Sequence 13 BP; 1 A; 1 C; 4 G; 6 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 921 TTGCCTTTTAT 931
DB 3 TTGCCTTTTAY 13
|||||
XX
RESULT 3280
ABC63698
ID ABC63698 standard; DNA; 13 BP.
XX
XX AC ABC63698;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE
XX DE Oligonucleotide SEQ ID NO 63715 for detecting SNP TSC0016826.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC
XX SQ Sequence 13 BP; 1 A; 1 C; 4 G; 6 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 943 ATTGGTTTA 951
DB 5 ATTGGTTTA 13
|||||
XX
RESULT 3281
ABC15319/C
ID ABC15319 standard; DNA; 13 BP.
XX
XX AC ABC15319;
XX XX
XX DT 20-FEB-2002 (first entry)
XX DE
XX DE Oligonucleotide SEQ ID NO 15326 for detecting SNP TSC0003405.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX CC
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 15326; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
DB 13 TTTAATGTA 5
RESULT 3282
ABF15157/c
ID ABF15157 standard; DNA; 13 BP.
XX AC ABF15157;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 115154 for detecting SNP TSC0028850.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX DT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 115154; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC Sequence 13 BP; 9 A; 3 C; 0 G; 0 T; 0 U; 1 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC Sequence 13 BP; 9 A; 3 C; 0 G; 0 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTGGT 918
DB 11 TTTTCTTTGGY 1
RESULT 3283
ABF42528
ID ABF42528 standard; DNA; 13 BP.
XX AC ABF42528;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 167567 for detecting SNP TSC0041944.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
```

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DT 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 142525 for detecting SNP TSC0035729.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX DT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 142525; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX CC Sequence 13 BP; 3 A; 0 C; 5 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 943 ATTGGTTTA 951
DB 4 ATTGGTTTA 12
RESULT 3284
ABF67570
ID ABF67570 standard; DNA; 13 BP.
XX AC ABF67570;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 167567 for detecting SNP TSC0041944.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
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XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 167567; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
DB 3 TTAATGTAT 11
|||||
RESULT 3285
ABF67622/C
ID ABF67622 standard; DNA; 13 BP.
XX AC ABF67622;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 167619 for detecting SNP TSC0041952.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN W0200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 167619; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 927 TTTATCCCT 935
DB 11 TTTATCCCT 3
|||||
RESULT 3286
ABF70316/C
ID ABF70316 standard; DNA; 13 BP.
XX AC ABF70316;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 170313 for detecting SNP TSC0042509.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN W0200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 170313; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences

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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 6 G; 1 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 933 CCTCCTCTT 941
|||||
Db 10 CCTCCTCTT 2
RESULT 3287
ABF50636
ID ABF50636 standard; DNA; 13 BP.
XX AC
AC ABF50636;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 150633 for detecting SNP TSC0038014.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 150633; 29pp + Sequence Listing; German.
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
|||||
Db 2 TTTAATGTA 10
RESULT 3288
ABH01313
ID ABH01313 standard; DNA; 13 BP.
XX AC
AC ABH01313;
XX
XX 22-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 201290 for detecting SNP TSC0049519.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 201290; 29pp + Sequence Listing; German.
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 937 CTCCTTCATT 945
|||||
Db 2 CTCCTTCATT 10
RESULT 3289
ABF55719/c
ID ABF55719 standard; DNA; 13 BP.
XX AC
AC ABF55719;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 155716 for detecting SNP TSC0039319.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 1 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 948 TTTAATGTATC 958
Db 11 TTTAATGTTT 1
|||||||

RESULT 3292
ABF85998
ID ABF85998 standard; DNA; 13 BP.
XX
AC ABF85998;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 185995 for detecting SNP TSC0045838.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 185995; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 TTAATGTAT 957
Db 1 TTAATGTAT 9
|||||||

RESULT 3293
ABH11240/c
ID ABH11240 standard; DNA; 13 BP.
XX
AC ABH11240;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 211217 for detecting SNP TSC0051533.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 211217; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 0 C; 4 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 906 CATTTCTT 914
Db 10 CATTTCTT 2
|||||||

RESULT 3294
ABF87391/c
ID ABF87391 standard; DNA; 13 BP.

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XX AC ABF87391;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187388 for detecting SNP TSC0046193.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187388; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 4 C; 0 G; 2 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 944 TTGGTTTAA 952
Db 9 TTGGTTTAA 1
RESULT 3295
ABF87394
ID ABF87394 standard; DNA; 13 BP.
XX AC ABF87394;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187391 for detecting SNP TSC0046193.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187388; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
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XX SQ Sequence 13 BP; 7 A; 4 C; 0 G; 2 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 944 TTGGTTTAA 952
Db 9 TTGGTTTAA 1
RESULT 3295
ABF87394
ID ABF87394 standard; DNA; 13 BP.
XX AC ABF87394;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187391 for detecting SNP TSC0046193.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187391; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 1 C; 4 G; 6 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 944 TTGGTTTAA 952
Db 5 TTGGTTTAA 13
RESULT 3296
ABF90917
ID ABF90917 standard; DNA; 13 BP.
XX AC ABF90917;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 190914 for detecting SNP TSC0046961.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.

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XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
PS Claim 1; SEQ ID NO 190914; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 5 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 928 TTATCCCTC 936
Db 1 TTATCCCTC 9
RESULT 3297
ABH43249/C
ID ABH43249 standard; DNA; 13 BP.
XX
AC ABH43249;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 243226 for detecting SNP TSC0059329.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PT WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 243226; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 1 C; 0 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTATATGTA 956
Db 10 TTATATGTA 2
RESULT 3298
ACC78734/C
ID ACC78734 standard; DNA; 13 BP.
XX
AC ACC78734;
XX
DT 02-SEP-2003 (first entry)
XX
DE EIT-6 gene ERE fragment.
XX
KW ERE; reporter construct; estrogen response element; cytostatic; rat;
KW gene therapy; breast cancer; EIT-6; ds.
XX
OS Unidentified.
XX
PN WO2003042364-A2.
XX
PD 22-MAY-2003.
XX
PF 08-NOV-2002; 2002WO-US035901.
XX
PR 09-NOV-2001; 2001US-0338136P.
XX
PA (DAND) DANA FARBER CANCER INST INC.
XX
PI Polyak K, Pankaj S;
XX
PD WPI; 2003-449570/42.
XX
PT New reporter construct for identifying and isolating estrogen-responsive
PT cells comprises an estrogen response segment, a promoter segment and a
PT nucleotide sequence that encodes a reporter polypeptide.
XX
PS Disclosure; Page 10; 51pp; English.
XX
CC The invention relates to a reporter construct comprising: (a) an estrogen
CC response segment having 5 or more estrogen response elements (ERE); (b) a
CC promoter segment having at least one promoter nucleic acid sequence; and
CC (c) a nucleotide sequence that encodes a reporter polypeptide, where the
CC nucleotide sequence is operably linked to the promoter segment and the
CC estrogen response segment. The reporter construct and vector are useful
CC in identifying and isolating estrogen-responsive cells. The methods are
CC useful in inhibiting the proliferation or survival of estrogen-responsive
CC breast cancer cells or in enhancing the proliferation or survival of
CC estrogen-receptor non-expressing, estrogen-non-responsive cells.
CC Sequences ACC78731-34 represent sequences of ERs from EIT-6 gene that
CC can be used in the reporter constructs of the invention
XX
SQ Sequence 13 BP; 6 A; 3 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 903 GGTCATTTT 911

```

Db      13 GGTCAATTT 5
|||||
RESULT 3299
ACC78848/C
ID ACC78848 standard; DNA; 13 BP.
XX
AC AC
XX
XX
XX
XX 02-SEP-2003 (first entry)
XX
DE Putative estrogen response element (ERE) E4 nucleotide sequence.
XX
XX E1T-6; estrogen-induced tag-6; cytostatic; breast cancer; human; SAGE;
KW serial analysis of gene expression; tamoxifen; eestogen; ds.
XX
OS Homo sapiens.
XX
PN WO2003042363-A2.
XX
XX 22-MAY-2003.
XX
XX 08-NOV-2002; 2002WO-US035899.
XX
XX 09-NOV-2001; 2001US-0337754P.
XX
PA (DAND ) DANA FARBER CANCER INST INC.
XX
PI Polyak K, Pankaj S;
XX
XX WPI; 2003-523143/49.
XX
XX Novel polypeptide comprising fragment of estrogen-induced tag-6
PT polypeptide, useful for identifying compounds that inhibit activity of
PT the polypeptide, and thus are useful for inhibiting cancer cell
PT proliferation.
XX
XX Example; Fig 2d; 54pp; English.
XX
CC The invention relates to an estrogen-induced tag (EIT)-6 polypeptide and
CC encoding polynucleotide. A method is provided for identifying a compound
CC which inhibits activity of EIT-6, e.g., hydroxylation of a proline
CC residue in a polypeptide or conversion of 2-ketoglutarate to succinate.
CC Another method provided is useful for inhibiting the activity of EIT-6 in
CC a mammalian cell e.g., cancer cell such as breast cancer cell. The method
CC is also useful for inhibiting activity of EIT-6 activity in a estrogen-
CC responsive cell, where the compound is preferably pyridine-2,5-
CC dicarboxylic acid or an analog of pyridine-2,5- dicarboxylic acid. The
CC compounds that inhibit EIT-6 as identified by the above mentioned methods
CC are useful as cancer therapeutics by inhibiting cancer cell (preferably
CC breast cancer cell) proliferation or survival. Sequences ACC78844-48
CC represent the consensus and putative estrogen response element (ERE)
CC nucleotide sequences
XX
SQ Sequence 13 BP; 6 A; 3 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 903 GGTCAATTT 911
Db 13 GGTCAATTT 5
|||||
RESULT 3300
ADC64963
ID ADC64963 standard; DNA; 13 BP.
XX
AC AC
XX
XX 18-DEC-2003 (first entry)

```

```

XX
DE Camellia sinensis L. (O.) Kuntze related PCR primer AP68.
XX
XX Camellia sinensis L.(O.) Kuntze; tea tree; PCR primer; ss.
XX
XX Synthetic.
OS Camellia sinensis.
XX
XX CN1377966-A.
XX
XX 06-NOV-2002.
XX
XX 30-MAR-2001; 2001CN-00112459.
XX
XX 30-MAR-2001; 2001CN-00112459.
XX
XX (SCIN-) SCI & IND RES COMMISSION.
XX
XX WPI; 2003-230959/23.
XX
XX Cloning of a new gene sequence expressed and inhibited during winter
PT dormancy of a tea tree top plumelet, comprises identification, cloning
PT and analysis of a new primer in the gene sequence.
XX
XX Example 3; Page 32; 66pp; Chinese.
XX
XX The present invention describes the cloning of a new gene sequence
CC expressed and inhibited during hibernation of the top plumelet of a
CC Camellia sinensis L.(O.) Kuntze tea tree. Also described is the
CC identification, cloning and analysis of a primer terminal in the gene
CC sequence expressed and inhibited during hibernation of the top plumelet
CC of the tea tree. The present sequence represents a PCR primer which is
CC used in an example from the present invention.
XX
SQ Sequence 13 BP; 2 A; 2 C; 3 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCCTTGGT 918
Db 5 TTCCTTGGT 13
|||||
Search completed: October 18, 2004, 14:26:09
Job time : 17 secs

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OM nucleic - nucleic search, using sw model

Run on: October 18, 2004, 14:33:44 ; Search time 0.001 Seconds
(without alignments)
1012.364 Million cell updates/sec

Title: US-09-695-451-1

Perfect score: 73
Sequence: 1 cctggcattttcttgggt.....atgctacgtaccacaggtg 73

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 435 seqs, 6934 residues

Total number of hits satisfying chosen parameters: 870

Minimum DB seq length: 8

Maximum DB seq length: 30

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 445 summaries

Database : rnpb1-899.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	17.6	24.1	24	1	US-10-276-358-36
2	17.2	23.6	25	1	US-10-775-169-2948
3	17	23.3	25	1	US-10-032-585-4182
4	15.4	21.1	17	1	US-09-877-478-213
5	15.4	21.1	17	1	US-10-342-902-213
6	15.4	21.1	17	1	US-10-138-574-3066
7	15.4	21.1	17	1	US-10-287-949A-3066
8	15.4	21.1	17	1	US-10-669-841-213
9	15.4	21.1	19	1	US-10-244-647-572
10	15.4	21.1	19	1	US-10-244-647-642
11	15.4	21.1	19	1	US-10-244-647-645
12	15.4	21.1	19	1	US-10-244-647-1218
13	15.4	21.1	19	1	US-10-244-647-1288
14	15.4	21.1	19	1	US-10-244-647-1291
15	15	20.5	20	1	US-10-453-792-135
16	14.6	20.0	21	1	US-09-940-244-83
17	14.6	20.0	21	1	US-10-356-861-83
18	14.6	20.0	21	1	US-10-033-297-83
19	14.6	20.0	21	1	US-10-260-451-12
20	14.6	20.0	21	1	US-10-260-451-16
21	14.6	20.0	21	1	US-10-250-386-83
22	14.4	19.7	17	1	US-09-877-478-212
23	14.4	19.7	17	1	US-09-877-478-214
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28	14.4	19.7	19	1	US-10-244-647-606
29	14.4	19.7	19	1	US-10-244-647-644
30	14.4	19.7	19	1	US-10-244-647-1252
31	14.4	19.7	19	1	Sequence 1290, Ap
32	14.4	19.7	20	1	US-10-447-136-134
33	14.2	19.5	20	1	US-10-371-474-69
					Sequence 69, Appl

21	1	US-10-085-198-293	Sequence 293, App
21	1	US-10-280-183A-609	Sequence 609, App
20	1	US-09-874-162A-12	Sequence 12, Appl
18	1	US-09-969-373-4117	Sequence 4117, Ap
20	1	US-10-293-863-37	Sequence 37, Appl
20	1	US-10-293-863-70	Sequence 70, Appl
20	1	US-09-792-251-23	Sequence 23, Appl
20	1	US-10-289-762-4503	Sequence 4603, Ap
17	1	US-09-818-875-559	Sequence 559, App
17	1	US-09-818-875-560	Sequence 560, App
17	1	US-09-877-478-909	Sequence 909, App
17	1	US-09-877-478-1502	Sequence 1602, Ap
17	1	US-10-342-902-909	Sequence 909, App
17	1	US-10-342-902-1602	Sequence 1602, Ap
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17	1	US-10-681-074-559	Sequence 559, App
17	1	US-10-681-074-560	Sequence 560, App
19	1	US-10-244-647-598	Sequence 598, App
19	1	US-10-244-647-637	Sequence 637, App
19	1	US-10-244-647-1244	Sequence 1244, Ap
19	1	US-10-244-647-1283	Sequence 1283, Ap
20	1	US-09-754-167-57	Sequence 57, Appl
19	1	US-09-968-355-5	Sequence 5, Appl
20	1	US-09-021-660A-12	Sequence 12, Appl
20	1	US-09-242-772-41	Sequence 41, Appl
20	1	US-10-282-174-284	Sequence 284, App
20	1	US-10-189-266-39	Sequence 39, Appl
20	1	US-10-289-762-2716	Sequence 2716, Ap
20	1	US-10-193-221-59	Sequence 59, Appl
20	1	US-10-272-727-49	Sequence 49, Appl
20	1	US-10-272-811-49	Sequence 49, Appl
20	1	US-10-317-277A-51	Sequence 51, Appl
20	1	US-10-317-277A-127	Sequence 127, App
20	1	US-10-774-888-59	Sequence 59, Appl
17	1	US-10-060-756A-4341	Sequence 4341, Ap
17	1	US-10-060-756A-4342	Sequence 4342, Ap
17	1	US-10-238-700-802	Sequence 802, App
18	1	US-10-108-714-8	Sequence 8, Appl
18	1	US-10-197-290-36	Sequence 36, Appl
18	1	US-10-388-263-189	Sequence 189, App
19	1	US-09-925-548-45	Sequence 46, Appl
19	1	US-10-349-143-10295	Sequence 10295, A
19	1	US-09-848-727-13	Sequence 13, Appl
19	1	US-10-428-275-438	Sequence 438, App
19	1	US-10-244-647-597	Sequence 597, App
19	1	US-10-244-647-1243	Sequence 1243, Ap
15	1	US-10-287-919-1518	Sequence 1518, Ap
17	1	US-09-877-478-211	Sequence 211, App
17	1	US-09-864-636A-814	Sequence 814, App
17	1	US-09-864-636A-820	Sequence 820, App
17	1	US-09-864-426A-814	Sequence 814, App
17	1	US-09-864-426A-820	Sequence 820, App
17	1	US-10-342-902-211	Sequence 211, App
17	1	US-10-060-756A-4343	Sequence 4343, Ap
17	1	US-10-060-756A-4344	Sequence 4344, Ap
17	1	US-10-084-839-814	Sequence 814, App
17	1	US-10-084-839-820	Sequence 820, App
17	1	US-10-669-841-211	Sequence 211, App
18	1	US-09-819-094-31	Sequence 31, Appl
18	1	US-10-714-067-31	Sequence 31, Appl
19	1	US-09-864-636A-201	Sequence 201, App
19	1	US-09-864-636A-828	Sequence 828, App
19	1	US-09-864-426A-201	Sequence 201, App
19	1	US-09-864-426A-828	Sequence 828, App
19	1	US-10-084-839-201	Sequence 201, App
19	1	US-10-084-839-828	Sequence 828, App
19	1	US-10-244-647-319	Sequence 319, App
19	1	US-10-244-647-965	Sequence 965, App

c 107	12.4	17.0	19	1	US-10-349-143-2250	Sequence 7250, Ap	180	11.2	15.3	17	1	US-09-780-164-274	Sequence 274, App
c 108	12.2	16.7	17	1	US-09-740-332-2472	Sequence 2472, Ap	181	11.2	15.3	17	1	US-09-780-164-836	Sequence 836, App
c 109	12.2	16.7	17	1	US-09-817-879-2472	Sequence 2472, Ap	182	11.2	15.3	17	1	US-09-740-332-339	Sequence 339, App
c 110	12.2	16.7	17	1	US-09-927-046-790	Sequence 790, App	183	11.2	15.3	17	1	US-09-740-332-340	Sequence 340, App
c 111	12.2	16.7	17	1	US-10-060-998-487	Sequence 487, App	184	11.2	15.3	17	1	US-09-740-332-512	Sequence 512, App
c 112	12.2	16.7	17	1	US-10-060-998-490	Sequence 490, App	185	11.2	15.3	17	1	US-09-740-332-717	Sequence 717, App
c 113	12.2	16.7	17	1	US-10-156-306-1602	Sequence 1602, Ap	186	11.2	15.3	17	1	US-09-740-332-2083	Sequence 2083, Ap
c 114	12.2	16.7	17	1	US-10-138-674-5632	Sequence 5632, Ap	187	11.2	15.3	17	1	US-09-740-332-3655	Sequence 3655, Ap
c 115	12.2	16.7	17	1	US-10-138-674-7227	Sequence 7227, Ap	188	11.2	15.3	17	1	US-09-740-332-4043	Sequence 4043, Ap
c 116	12.2	16.7	17	1	US-10-138-674-7227	Sequence 7227, Ap	189	11.2	15.3	17	1	US-09-740-332-4216	Sequence 4216, Ap
c 117	12.2	16.7	17	1	US-10-287-949A-5632	Sequence 5632, Ap	190	11.2	15.3	17	1	US-09-817-879-339	Sequence 339, App
c 118	12.2	16.7	17	1	US-10-287-949A-7227	Sequence 7227, Ap	191	11.2	15.3	17	1	US-09-817-879-340	Sequence 340, App
c 119	12.2	16.7	17	1	US-10-669-841-5065	Sequence 5065, Ap	192	11.2	15.3	17	1	US-09-817-879-512	Sequence 512, App
c 120	12.2	16.7	17	1	US-09-969-373-2651	Sequence 2651, Ap	193	11.2	15.3	17	1	US-09-817-879-717	Sequence 717, App
c 121	12.2	16.7	18	1	US-09-969-373-2652	Sequence 2652, Ap	194	11.2	15.3	17	1	US-09-817-879-2083	Sequence 2083, Ap
c 122	12.2	16.7	18	1	US-10-241-780-108	Sequence 108, App	195	11.2	15.3	17	1	US-09-817-879-3655	Sequence 3655, Ap
c 123	12.2	16.7	18	1	US-10-349-143-5922	Sequence 5922, Ap	196	11.2	15.3	17	1	US-09-817-879-4043	Sequence 4043, Ap
c 124	12.2	16.7	18	1	US-10-349-143-5922	Sequence 5922, Ap	197	11.2	15.3	17	1	US-09-817-879-4216	Sequence 4216, Ap
c 125	12.2	16.7	18	1	US-10-456-422-24	Sequence 24, Appl	198	11.2	15.3	17	1	US-10-342-902-120	Sequence 120, App
c 126	12.2	16.4	15	1	US-10-138-674-4106	Sequence 4106, Ap	199	11.2	15.3	17	1	US-10-342-902-814	Sequence 814, App
c 127	12.2	16.4	15	1	US-10-287-949A-4106	Sequence 4106, Ap	200	11.2	15.3	17	1	US-10-342-902-1871	Sequence 1871, App
c 128	12.2	16.4	16	1	US-10-138-674-5670	Sequence 5670, Ap	201	11.2	15.3	17	1	US-10-675-685-621	Sequence 621, App
c 129	12.2	16.4	16	1	US-10-287-949A-5670	Sequence 5670, Ap	202	11.2	15.3	17	1	US-10-675-685-622	Sequence 622, App
c 130	12.2	16.4	17	1	US-10-138-674-45	Sequence 45, Appl	203	11.2	15.3	17	1	US-09-927-046-220	Sequence 220, App
c 131	12.2	16.4	17	1	US-10-138-674-45	Sequence 45, Appl	204	11.2	15.3	17	1	US-09-927-046-654	Sequence 654, App
c 132	12.2	16.4	17	1	US-10-138-674-46	Sequence 46, Appl	205	11.2	15.3	17	1	US-09-927-046-789	Sequence 789, App
c 133	12.2	16.4	17	1	US-10-138-674-46	Sequence 46, Appl	206	11.2	15.3	17	1	US-09-927-046-789	Sequence 789, App
c 134	12.2	16.4	17	1	US-10-287-949A-44	Sequence 44, Appl	207	11.2	15.3	17	1	US-10-060-998-489	Sequence 489, App
c 135	12.2	16.4	17	1	US-10-287-949A-44	Sequence 44, Appl	208	11.2	15.3	17	1	US-10-060-998-489	Sequence 489, App
c 136	12.2	16.4	17	1	US-10-287-949A-46	Sequence 46, Appl	209	11.2	15.3	17	1	US-10-060-998-488	Sequence 488, App
c 137	12.2	16.4	17	1	US-10-287-949A-46	Sequence 46, Appl	210	11.2	15.3	17	1	US-10-060-998-488	Sequence 488, App
c 138	12.2	16.4	18	1	US-10-261-382-13	Sequence 13, Appl	211	11.2	15.3	17	1	US-10-060-998-488	Sequence 488, App
c 139	11.8	16.2	15	1	US-10-055-732-10	Sequence 10, Appl	212	11.2	15.3	17	1	US-10-060-998-491	Sequence 491, App
c 140	11.8	16.2	16	1	US-10-108-164-66	Sequence 66, Appl	213	11.2	15.3	17	1	US-10-060-998-612	Sequence 612, App
c 141	11.8	16.2	16	1	US-10-108-164-66	Sequence 66, Appl	214	11.2	15.3	17	1	US-10-060-998-612	Sequence 612, App
c 142	11.8	16.2	16	1	US-10-101-433A-38	Sequence 38, Appl	215	11.2	15.3	17	1	US-10-060-998-613	Sequence 613, App
c 143	11.8	16.2	17	1	US-09-780-164-135	Sequence 135, App	216	11.2	15.3	17	1	US-10-060-998-746	Sequence 746, App
c 144	11.8	16.2	17	1	US-09-780-164-136	Sequence 136, App	217	11.2	15.3	17	1	US-10-060-998-747	Sequence 747, App
c 145	11.8	16.2	17	1	US-09-780-164-135	Sequence 135, App	218	11.2	15.3	17	1	US-10-156-306-452	Sequence 452, App
c 146	11.8	16.2	17	1	US-09-780-164-135	Sequence 135, App	219	11.2	15.3	17	1	US-10-156-306-452	Sequence 452, App
c 147	11.8	16.2	17	1	US-10-060-998-4340	Sequence 4340, Ap	220	11.2	15.3	17	1	US-10-156-306-1601	Sequence 1601, App
c 148	11.8	16.2	17	1	US-10-156-306-1603	Sequence 1603, Ap	221	11.2	15.3	17	1	US-10-238-700-455	Sequence 455, App
c 149	11.8	16.2	17	1	US-10-156-306-3759	Sequence 3759, Ap	222	11.2	15.3	17	1	US-10-307-005-1291	Sequence 1291, App
c 150	11.8	16.2	17	1	US-10-238-700-801	Sequence 801, App	223	11.2	15.3	17	1	US-10-307-005-1291	Sequence 1291, App
c 151	11.8	16.2	17	1	US-10-138-674-419	Sequence 419, App	224	11.2	15.3	17	1	US-10-138-674-119	Sequence 119, App
c 152	11.8	16.2	17	1	US-10-138-674-419	Sequence 419, App	225	11.2	15.3	17	1	US-10-138-674-119	Sequence 119, App
c 153	11.8	16.2	17	1	US-10-287-949A-419	Sequence 419, App	226	11.2	15.3	17	1	US-10-138-674-119	Sequence 119, App
c 154	11.8	16.2	17	1	US-10-287-949A-419	Sequence 419, App	227	11.2	15.3	17	1	US-10-138-674-119	Sequence 119, App
c 155	11.8	16.2	18	1	US-09-969-373-3188	Sequence 3188, Ap	228	11.2	15.3	17	1	US-10-138-674-119	Sequence 119, App
c 156	11.8	16.2	18	1	US-10-067-125-154	Sequence 154, App	229	11.2	15.3	17	1	US-10-138-674-119	Sequence 119, App
c 157	11.4	15.6	15	1	US-10-143-6620	Sequence 6620, Ap	230	11.2	15.3	17	1	US-10-287-949A-119	Sequence 119, App
c 158	11.4	15.6	15	1	US-10-010-802-27	Sequence 27, Appl	231	11.2	15.3	17	1	US-10-287-949A-119	Sequence 119, App
c 159	11.4	15.6	17	1	US-09-877-478-210	Sequence 210, App	232	11.2	15.3	17	1	US-10-287-949A-5149	Sequence 5149, App
c 160	11.4	15.6	17	1	US-09-877-478-210	Sequence 210, App	233	11.2	15.3	17	1	US-10-287-949A-5149	Sequence 5149, App
c 161	11.4	15.6	17	1	US-09-780-164-134	Sequence 134, App	234	11.2	15.3	17	1	US-10-712-672-363	Sequence 363, App
c 162	11.4	15.6	17	1	US-09-780-164-501	Sequence 501, App	235	11.2	15.3	17	1	US-10-712-672-363	Sequence 363, App
c 163	11.4	15.6	17	1	US-10-342-902-210	Sequence 210, App	236	11.2	15.3	17	1	US-10-669-841-120	Sequence 120, App
c 164	11.4	15.6	17	1	US-10-342-902-215	Sequence 215, App	237	11.2	15.3	17	1	US-10-669-841-120	Sequence 120, App
c 165	11.4	15.6	17	1	US-10-060-998-4345	Sequence 4345, App	238	11.2	15.3	17	1	US-10-669-841-2332	Sequence 2332, App
c 166	11.4	15.6	17	1	US-10-307-005-583	Sequence 583, App	239	11.2	15.3	17	1	US-10-669-841-2332	Sequence 2332, App
c 167	11.4	15.6	17	1	US-10-307-005-584	Sequence 584, App	240	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 168	11.4	15.6	17	1	US-10-669-841-210	Sequence 210, App	241	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 169	11.2	15.3	17	1	US-09-866-108-7083	Sequence 7083, Ap	242	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 170	11.2	15.3	17	1	US-09-866-108-7084	Sequence 7084, Ap	243	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 171	11.2	15.3	17	1	US-09-814-786-47	Sequence 47, Appl	244	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 172	11.2	15.3	17	1	US-09-827-998-621	Sequence 621, App	245	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 173	11.2	15.3	17	1	US-09-827-998-621	Sequence 621, App	246	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 174	11.2	15.3	17	1	US-09-877-478-120	Sequence 120, App	247	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 175	11.2	15.3	17	1	US-09-877-478-120	Sequence 120, App	248	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 176	11.2	15.3	17	1	US-09-877-478-1871	Sequence 1871, Ap	249	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 177	11.2	15.3	17	1	US-09-848-754A-2568	Sequence 2568, App	250	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 178	11.2	15.3	17	1	US-09-776-474-562	Sequence 562, App	251	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App
c 179	11.2	15.3	17	1	US-09-780-164-273	Sequence 273, App	252	11.2	15.3	17	1	US-10-669-841-3105	Sequence 3105, App


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RESULT 4
US-09-877-478-213
; Sequence 213, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-213

Query Match      21.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 23.4%; Pred. No. 29;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY      907 ATTTCTTTGGCTTTG 923
Db      1 AUUUUUUUUGUCUUUG 17

RESULT 5
US-10-342-902-213
; Sequence 213, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14

QY      907 ATTTCTTTGGCTTTG 923
Db      1 AUUUUUUUUUUGUCUUUG 17

RESULT 6
US-10-138-674-3066/c
; Sequence 3066, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674-3066

Query Match      21.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 29;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      921 TTGCCTTTTATCCCTCC 937
Db      17 TTGCCTGTTATCCCTCC 1

RESULT 7
US-10-287-949A-3066/c
; Sequence 3066, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-287-949A-3066
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Query Match      21.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 29;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCTTTTATCCCTCC 937
DB 17 TTGCTGTATCCCTCC 1

RESULT 8
US-10-669-841-213
; Sequence 213, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/042US (MBHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-213

Query Match      21.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 29;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
DB 1 AUUUUUUUUGUCUUUG 17

RESULT 9
US-10-244-647-572
; Sequence 572, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 642
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-244-647-642

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 32;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
DB 1 AUUUUUUUUGUCUUUG 17

RESULT 10
US-10-244-647-642
; Sequence 642, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 642
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-244-647-642

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 32;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
DB 1 AUUUUUUUUGUCUUUG 17
```

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Db      2 AUUUUUUUUGUUUG 18

RESULT 11
US-10-244-647-645
; Sequence 645, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 645
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-645

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 32;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy      907 ATTTCTTTGGTCTTTG 923
|:::|:::|:::|:::|
Db      3 AUUUUUUUUGUUUG 19

RESULT 12
US-10-244-647-1218/c
; Sequence 1218, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1218
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
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; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1218

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 32;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      907 ATTTCTTTGGTCTTTG 923
|:::|:::|:::|:::|
Db      19 ATTTCTTTGGTCTTTG 3

RESULT 13
US-10-244-647-1288/c
; Sequence 1288, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1288
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1288

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 32;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      907 ATTTCTTTGGTCTTTG 923
|:::|:::|:::|:::|
Db      18 ATTTCTTTGGTCTTTG 2

RESULT 14
US-10-244-647-1291/c
; Sequence 1291, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
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;; PRIOR APPLICATION NUMBER: US 60/296,876
;; PRIOR FILING DATE: 2001-06-08
;; NUMBER OF SEQ ID NOS: 1524
;; SOFTWARE: Patent in version 3.0
;; SEQ ID NO 1291
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1291

Query Match 21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 32;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCTTTG 923
Db 17 ATTTCCTTTGGTCTTTG 1

RESULT 15
US-10-453-792-135/c
; Sequence 135, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B. J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-10-453-792-135

Query Match 20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 38;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCTTTG 923
Db 17 ATTTCCTTTGGTCTTTG 1

RESULT 16
US-09-940-244-83
; Sequence 83, Application US/09940244
; Publication No. US20030044796A1
; GENERAL INFORMATION:
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Smith, Lloyd M.
; TITLE OF INVENTION: Reactions on Dendrimers
; FILE REFERENCE: FORS-06478
; CURRENT APPLICATION NUMBER: US/09/940,244
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pyrococcus woesei
US-09-940-244-83

Query Match 20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 17
US-10-356-861-83
; Sequence 83, Application US/10356861
; Publication No. US20040072182A1
; GENERAL INFORMATION:
; APPLICANT: Victor, Lyamichev
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07813
; CURRENT APPLICATION NUMBER: US/10/356,861
; CURRENT FILING DATE: 2003-02-03
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-356-861-83

Query Match 20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 18
US-10-033-297-83

; Sequence 83, Application US/10033297
; Publication No. US20020187486A1
; GENERAL INFORMATION:
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ilyamichev, Victor I.
; APPLICANT: Mast, Andrea L.
; APPLICANT: Brow, Mary Ann D.
; TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
; Sequential Invasive Cleavages
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/033,297
; FILING DATE: 12-NOV-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/350,597
; FILING DATE: 09-JUL-1999
; APPLICATION NUMBER: US/08/823,516
; FILING DATE: 24-MAR-1997
; APPLICATION NUMBER: PCT/US97/01072
; FILING DATE: 21-JAN-1997
; APPLICATION NUMBER: US 08/759,038
; FILING DATE: 02-DEC-1996
; APPLICATION NUMBER: US 08/758,314
; FILING DATE: 02-DEC-1996
; APPLICATION NUMBER: US 08/756,386
; FILING DATE: 29-NOV-1996
; APPLICATION NUMBER: US 08/682,853
; FILING DATE: 12-JUL-1996
; APPLICATION NUMBER: US 08/599,491
; FILING DATE: 24-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02736
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 83:
US-10-033-297-83

Query Match 20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 917 GTCTTGGCTTTTATCCCTCC 937
| | | | | | | | | | | | | | | | | | | | | |
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 19
US-10-260-451-12
; Sequence 12, Application US/10260451

; Publication No. US20030124096A1
; GENERAL INFORMATION:
; APPLICANT: LOCARNINI, STEPHEN A
; APPLICANT: BARTHOLOMEUSZ, ANGELINE I
; APPLICANT: AYE, THEIN T
; APPLICANT: DEMAN, ROBERT A
; TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
; FILE REFERENCE: 2551-28
; CURRENT APPLICATION NUMBER: US/10/260,451
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US/09/306,420
; PRIOR FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: PCT/AU97/00520
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: P03519
; PRIOR FILING DATE: 1996-11-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; TYPE: DNA
; LENGTH: 21
; ORGANISM: Hepatitis B virus
US-10-260-451-12

Query Match 20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 908 TTTTCTTTGGTCTTTGGCTTT 928
| | | | | | | | | | | | | | | | | | | | | |
Db 1 TTTTCTTTGGTCTTTGGGTAT 21

RESULT 20
US-10-260-451-16/c
; Sequence 16, Application US/10260451
; Publication No. US20030124096A1
; GENERAL INFORMATION:
; APPLICANT: LOCARNINI, STEPHEN A
; APPLICANT: BARTHOLOMEUSZ, ANGELINE I
; APPLICANT: AYE, THEIN T
; APPLICANT: DEMAN, ROBERT A
; TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
; FILE REFERENCE: 2551-28
; CURRENT APPLICATION NUMBER: US/10/260,451
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US/09/306,420
; PRIOR FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: PCT/AU97/00520
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: P03519
; PRIOR FILING DATE: 1996-11-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-10-260-451-16

Query Match 20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 908 TTTTCTTTGGTCTTTGGCTTT 928
| | | | | | | | | | | | | | | | | | | | | |
Db 21 TTTTCTTTGGTCTTTGGGTAT 1

RESULT 21
US-10-290-386-83
; Sequence 83, Application US/10290386
; Publication No. US20030152971A1

```
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07459
; CURRENT APPLICATION NUMBER: US/10/290,386
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: 60/361,060
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: 60/344,946
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 09/713,601
; PRIOR FILING DATE: 2000-11-15
; PRIOR APPLICATION NUMBER: 09/381,212
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 09/350,309
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 08/823,516
; PRIOR FILING DATE: 1997-03-24
; PRIOR APPLICATION NUMBER: 08/759,038
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: 08/756,386
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: 08/682,853
; PRIOR FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 08/599,491
; PRIOR FILING DATE: 1996-01-24
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 83
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-290-386-83

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GCTCTTGCTTTATCCTCC 937
DB 1 GCCTATGCCCTTTATCCTCC 21

RESULT 22
US-09-877-478-212
; Sequence 212, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-214

Query Match      19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTG 923
DB 1 UUUUUUUUUUGUUUG 16

RESULT 24
US-10-342-902-212
; Sequence 212, Application US/10342902
; Publication No. US20040054156A1
```

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; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-212

Query Match      19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGCTTTT 922
DB 2 AUUUUUUUUGUUUGU 17

RESULT 23
US-09-877-478-214
; Sequence 214, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-214

Query Match      19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTG 923
DB 1 UUUUUUUUUUGUUUG 16

RESULT 24
US-10-342-902-212
; Sequence 212, Application US/10342902
; Publication No. US20040054156A1
```


; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBHB00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-212

Query Match 19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTT 922
|:::|:::|:::|:::|
DB 2 AUUUUUUUUGUCUUU 17

RESULT 25
US-10-342-902-214
; Sequence 214, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBHB00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 214
; LENGTH: 17

; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-214

Query Match 19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTT 923
|:::|:::|:::|:::|
DB 1 UUUUUUUUGUCUUU 16

RESULT 26
US-10-669-841-212
; Sequence 212, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MBHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-212

Query Match 19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTT 922
|:::|:::|:::|:::|
DB 2 AUUUUUUUUGUCUUU 17

RESULT 27
US-10-669-841-214
; Sequence 214, Application US/10669841

```
; Publication No. US 20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS (HBV)
; FILE REFERENCE: 400/042US (MEHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-214

Query Match          19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTGTGCTTTG 923
Db 1 UUUUCUUUGUCUUUG 16
      ::::|:::|:::|:::|

RESULT 28
US-10-244-647-606
; Sequence 606, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 644
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-244-647-644

Query Match          19.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 25.0%; Pred. No. 46;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTGTGCTTTT 922
Db 4 AUUUUCUUUGUCUUU 19
      |:::|:::|:::|:::|

RESULT 30
US-10-244-647-1252/c
; Sequence 1252, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
```

```
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1252
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1252

Query Match          19.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 46;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy  908 TTTTCTTTGTCCTTTG 923
Db  19 TTTTCTTTGTCCTTTG 4

RESULT 31
US-10-244-647-1290/c
; Sequence 1290, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1290
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1290

Query Match          19.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 46;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy  907 ATTTCTTTGTCCTTTT 922
Db  16 ATTTCTTTGTCCTTTT 1

RESULT 32
US-10-447-136-134/c
; Sequence 134, Application US/10447136
; Publication No. US20040009948A1
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/10/447,136
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-447-136-134

Query Match          19.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 47;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy  908 TTTTCTTTGTCCTTTG 923
Db  18 TTTTCTTTGTCCTTTG 3

RESULT 33
US-10-371-474-69
; Sequence 69, Application US/10371474
; Publication No. US2003014242A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/10/371,474
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US/09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-371-474-69

Query Match          19.5%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 51;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  907 ATTTCTTTGTCCTTTGCC 925
Db  1 ATTTCTTTGTCCTTTGCC 19

RESULT 34
US-10-085-198-293/c
; Sequence 293, Application US/10085198
; Publication No. US20040009907A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 293
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-293
```

```
Query Match          19.5%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 53;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 909 TTCTTTGGTCTTTGCCTT 927
      |||||
Db 20 TTCTTTGGTGTGGCTTT 2
```

```
RESULT 35
US-10-183A-609/c
; Sequence 609, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 609
```

```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-609
```

```
Query Match          19.5%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 53;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 927 TTTATCCCTCCTCTTCATT 945
      |||||
Db 19 TTTCCTCATCCTCTTCCTT 1
```

```
RESULT 36
US-09-874-162A-12
; Sequence 12, Application US/09874162A
; Patent No. US20020155452A1
; GENERAL INFORMATION:
; APPLICANT: Koontz, Jason
; APPLICANT: Sklar, Jeffrey
; TITLE OF INVENTION: FUSION OF JAZF1 AND JAZ1 GENES IN
; FILE REFERENCE: 05311-024001
; CURRENT APPLICATION NUMBER: US/09/874,162A
; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: US 60/209,093
; PRIOR FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-874-162A-12
```

```
Query Match          19.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 55;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 932 CCCTCTCTCTTCATT 945
      |||||
Db 7 CCCTCTCTTCATT 20
```

```
RESULT 37
US-09-969-373-4117/c
; Sequence 4117, Application US/09969373
; Patent No. US2002013852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 4117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-4117

Query Match          18.9%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 54;
```

```
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 912 CTTTGGTCTTGGCTTT 928
Db 18 CTTTGGTCTTGGCTTT 2

RESULT 38
US-10-293-863-37
; Sequence 37, Application US/10293863
; Publication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11
; FILE REFERENCE: HTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-863-37

Query Match 18.9%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 909 TTTCTTTGGTCTTGGCC 925
Db 3 TGTCTTTGGTCTTGGCC 19

RESULT 39
US-10-293-863-70/c
; Sequence 70, Application US/10293863
; Publication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11
; FILE REFERENCE: HTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-863-70

Query Match 18.9%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 909 TTTCTTTGGTCTTGGCC 925
Db 18 TGTCTTTGGTCTTGGCC 2

RESULT 40
US-09-792-251-23/c
; Sequence 23, Application US/09792251
; Patent No. US20020160364A1
; GENERAL INFORMATION:
; APPLICANT: Fritz, Christian
; APPLICANT: Youngman, Philip
```

```
; APPLICANT: Guzman, Luz-Maria
; TITLE OF INVENTION: USE OF YACM AND YQEU, ESSENTIAL BACTERIAL GENES AND POLYPEPTIDES
; FILE REFERENCE: 06286-140001
; CURRENT APPLICATION NUMBER: US/09/792,251
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-792-251-23

Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 905 TCATTTCTTGGTCTTGGC 924
Db 20 TCATTTCTTGGCCTTGGC 1

RESULT 41
US-10-289-762-4603
; Sequence 4603, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4603
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-4603

Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 936 CCTCTTCATTGGTTAATCT 955
Db 1 CCTCTTCATTGGATTGATCT 20

RESULT 42
US-09-818-875-559/c
; Sequence 559, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
```

; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-559

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGTACCAAC 967
Db 15 TGTATCGTACCAAC 1

RESULT 43

US-09-818-875-560
; Sequence 560, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-560

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGTACCAAC 967
Db 3 TGTATCGTACCAAC 17

RESULT 44

US-09-877-478-909
; Sequence 909, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025

; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 909
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-909

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 60;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTCTTGTGCTT 921
Db 3 AUUUCUUUGUUU 17

RESULT 45

US-09-877-478-1602
; Sequence 1602, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1602

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 60;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTGTGCTTGT 923

;/ CURRENT FILING DATE: 2002-07-30
;/ PRIOR APPLICATION NUMBER: US 09/818,875
;/ PRIOR FILING DATE: 2001-03-27
;/ PRIOR APPLICATION NUMBER: US 60/192,176
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR APPLICATION NUMBER: US 60/192,179
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR APPLICATION NUMBER: US 60/208,538
;/ PRIOR FILING DATE: 2000-06-01
;/ PRIOR APPLICATION NUMBER: US 60/244,989
;/ PRIOR FILING DATE: 2000-10-30
;/ NUMBER OF SEQ ID NOS: 4385
;/ SOFTWARE: Friedman macro Napro4
;/ SEQ ID NO 560
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
US-10-209-787-560

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967
Db 3 TGTATCGCTACCAAC 17

RESULT 50

US-10-185-559/c
;/ Sequence 559, Application US/10261185
;/ Publication No. US20040014057A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Kmiec, Eric B.

;/ APPLICANT: Gamber, Howard B.
;/ APPLICANT: Rice, Michael C.

;/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
;/ TITLE OF INVENTION: Stranded Oligonucleotides
;/ FILE REFERENCE: Napro-4CON

;/ CURRENT APPLICATION NUMBER: US/10/261,185
;/ CURRENT FILING DATE: 2002-09-27

;/ PRIOR APPLICATION NUMBER: PCT/US01/09761
;/ PRIOR FILING DATE: 2001-03-27

;/ PRIOR APPLICATION NUMBER: US 60/192,176
;/ PRIOR FILING DATE: 2000-03-27

;/ PRIOR APPLICATION NUMBER: US 60/192,179
;/ PRIOR FILING DATE: 2000-03-27

;/ PRIOR APPLICATION NUMBER: US 60/208,538
;/ PRIOR FILING DATE: 2000-06-01

;/ PRIOR APPLICATION NUMBER: US 60/244,989
;/ PRIOR FILING DATE: 2000-10-30

;/ NUMBER OF SEQ ID NOS: 4385
;/ SOFTWARE: Friedman macro Napro4

;/ SEQ ID NO 559
;/ LENGTH: 17
;/ TYPE: DNA

;/ ORGANISM: Homo sapiens
US-10-261-185-559

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967
Db 15 TGTATCGCTACCAAC 1

RESULT 51

US-10-261-185-560

;/ Sequence 560, Application US/10261185
;/ Publication No. US20040014057A1
;/ GENERAL INFORMATION:

;/ APPLICANT: Kmiec, Eric B.
;/ APPLICANT: Gamber, Howard B.
;/ APPLICANT: Rice, Michael C.
;/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
;/ TITLE OF INVENTION: Stranded Oligonucleotides
;/ FILE REFERENCE: Napro-4CON
;/ CURRENT APPLICATION NUMBER: US/10/261,185
;/ CURRENT FILING DATE: 2002-09-27
;/ PRIOR APPLICATION NUMBER: PCT/US01/09761
;/ PRIOR FILING DATE: 2001-03-27
;/ PRIOR APPLICATION NUMBER: US 60/192,176
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR APPLICATION NUMBER: US 60/192,179
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR APPLICATION NUMBER: US 60/208,538
;/ PRIOR FILING DATE: 2000-06-01
;/ PRIOR APPLICATION NUMBER: US 60/244,989
;/ PRIOR FILING DATE: 2000-10-30
;/ NUMBER OF SEQ ID NOS: 4385
;/ SOFTWARE: Friedman macro Napro4
;/ SEQ ID NO 560
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
US-10-261-185-560

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967
Db 3 TGTATCGCTACCAAC 17

RESULT 52

US-10-669-841-909

;/ Sequence 909, Application US/10669841
;/ Publication No. US20040127446A1
;/ GENERAL INFORMATION:

;/ APPLICANT: Sirna Therapeutics, Inc.
;/ APPLICANT: Lawrence, Blatt

;/ APPLICANT: Dennis, Macejak
;/ APPLICANT: James, McSwiggen

;/ APPLICANT: David, Morrissey
;/ APPLICANT: Pamela, Pavco

;/ APPLICANT: Patricia, Lee
;/ APPLICANT: Kenneth, Draper

;/ APPLICANT: Elisabeth, Roberts
;/ TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAT

;/ TITLE OF INVENTION: VIRUS REPLICATION
;/ FILE REFERENCE: 400/042US (MH802-249-B)

;/ CURRENT APPLICATION NUMBER: US/10/669,841
;/ CURRENT FILING DATE: 2003-09-23

;/ PRIOR APPLICATION NUMBER: PCT/US02/09187
;/ PRIOR FILING DATE: 2002-03-26

;/ PRIOR APPLICATION NUMBER: US 60/296,876
;/ PRIOR FILING DATE: 2001-06-08

;/ PRIOR APPLICATION NUMBER: US 60/335,059
;/ PRIOR FILING DATE: 2001-10-24

;/ PRIOR APPLICATION NUMBER: US 60/337,055
;/ PRIOR FILING DATE: 2001-12-05

;/ PRIOR APPLICATION NUMBER: US 60/358,580
;/ PRIOR FILING DATE: 2002-02-20

;/ PRIOR APPLICATION NUMBER: US 60/363,124
;/ PRIOR FILING DATE: 2002-03-11

;/ PRIOR APPLICATION NUMBER: US 09/817,879
;/ PRIOR FILING DATE: 2001-03-26

;/ PRIOR APPLICATION NUMBER: US 09/740,332
;/ PRIOR FILING DATE: 2000-12-18

;/ PRIOR APPLICATION NUMBER: US 09/611,931
;/ PRIOR FILING DATE: 2000-07-07

;/ PRIOR APPLICATION NUMBER: US 09/504,321

GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHR02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 598
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-244-647-598

Query Match 18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 26.7%; Pred. No. 65;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTCTTTG 923
Db 1 UUUUUUUUUUUU 15

RESULT 57
US-10-244-647-637
; Sequence 637, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHR02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 637
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-244-647-637

Query Match 18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 26.7%; Pred. No. 65;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTCTTTGGTCTT 921
Db 5 AUUUUUUUUUUU 19

RESULT 58
US-10-244-647-1244/c
; Sequence 1244, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHR02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1244
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-244-647-1244

Query Match 18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTCTTTG 923
Db 19 TTCTTTGGTCTTTG 5

RESULT 59
US-10-244-647-1283/c
; Sequence 1283, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHR02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1283
; LENGTH: 19
; TYPE: RNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:  s1na antisense region
US-10-244-647-1283

Query Match      18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGCTTT 921
Db 15 ATTTCCTTTGGCTTT 1

RESULT 60
US-09-754-167-57
; Sequence 57, Application US/09754167
; Patent No. US20010019328A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 1 EXPRESSION
; FILE REFERENCE: RTS-0140
; CURRENT APPLICATION NUMBER: US/09/754,167
; CURRENT FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-754-167-57

Query Match      18.4%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 68;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCA 943
Db 5 TCTCCCTCTCTTCA 19

RESULT 61
US-09-968-355-5/c
; Sequence 5, Application US/09968355
; Patent No. US20020094523A1
; GENERAL INFORMATION:
; APPLICANT: Sakalian, Michael
; TITLE OF INVENTION: Chimeric Retroviral Gag Genes and Screening Assays
; FILE REFERENCE: UAB-100XC1
; CURRENT APPLICATION NUMBER: US/09/968,355
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 60/236,273
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-968-355-5

Query Match      18.1%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 70;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 912 CTTTGGCTTTGGCTTTT 929
Db 18 CTTTGGCTTTGGCTTTT 1
```

```
RESULT 62
US-09-021-660A-12/c
; Sequence 12, Application US/09021660A
; Patent No. US20010041669A1
; GENERAL INFORMATION:
; APPLICANT: Baron, M.
; APPLICANT: Farrington, S.
; APPLICANT: Belaussoff, M.
; TITLE OF INVENTION: METHODS FOR MODULATING HEMATOPOIESIS AND VASCULAR
; TITLE OF INVENTION: GROWTH
; FILE REFERENCE: HU1P-P01-060
; CURRENT APPLICATION NUMBER: US/09/021,660A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/037,513
; PRIOR FILING DATE: 1997-02-10
; PRIOR APPLICATION NUMBER: 60/049,763
; PRIOR FILING DATE: 1997-06-16
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-021-660A-12
```

```
Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 TTAATGATATCGCTACCA 966
Db 20 TTAGTGTTCGCTGCCAA 3
```

```
RESULT 63
US-09-242-772-41
; Sequence 41, Application US/09242772
; Publication No. US20020009720A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie
; TITLE OF INVENTION: PLAG gene family and tumorigenesis
; FILE REFERENCE: VIB-011-US
; CURRENT APPLICATION NUMBER: US/09/242,772
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: EP 96202229.6
; PRIOR FILING DATE: 1996-08-22
; PRIOR APPLICATION NUMBER: EP 97200130.9
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: PCT/EP97/04759
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: sense primer CH122
US-09-242-772-41
```

```
Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 914 TTGGCTTTGGCTTTAT 931
Db 11 TTGGCTTTGGCTTTAT 1
```



```

; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Randy Lane Bell
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION
; FILE REFERENCE: RTS-0261
; CURRENT APPLICATION NUMBER: US/10/272,727
; CURRENT FILING DATE: 2002-10-16
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-272-727-49

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      937 CTCCTCATGTTGTTAATG 954
      ||||| ||||| |||||
Db      20 CTATTCTTTGGCTTAATG 3

RESULT 69
US-10-272-811-49/c
; Sequence 49, Application US/10272811
; Publication No. US20040076621A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION
; FILE REFERENCE: RTS-0162
; CURRENT APPLICATION NUMBER: US/10/272,811
; CURRENT FILING DATE: 2002-10-16
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-272-811-49

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      937 CTCCTCATGTTGTTAATG 954
      ||||| ||||| |||||
Db      20 CTATTCTTTGGCTTAATG 3

RESULT 70
US-10-317-277A-51
; Sequence 51, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RTS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-277A-51

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      937 CTCCTCATGTTGTTAATG 954
      ||||| ||||| |||||
Db      20 CTATTCTTTGGCTTAATG 3

RESULT 71
US-10-317-277A-127/c
; Sequence 127, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RTS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-317-277A-127

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      915 TGGTCTTTGCCCTTTATC 932
      ||||| ||||| |||||
Db      19 TGGTGGATGCCCTTTATC 2

RESULT 72
US-10-774-888-59/c
; Sequence 59, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-774-888-59

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      939 CTTCATTGGTTTAATGTA 956
      ||||| ||||| |||||
Db      20 CTACATTGTTTAAATGAA 3

RESULT 73
US-10-060-756A-4341/c
; Sequence 4341, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
```


RESULT 77
US-10-197-290-36
; Sequence 36, Application US/10197290
; Publication No. US20030083300A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0421
; CURRENT APPLICATION NUMBER: US/10/197,290
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: 09/857,299
; PRIOR FILING DATE: 2001-20-04
; PRIOR APPLICATION NUMBER: PCT/US99/22083
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-197-290-36

Query Match 17.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 77;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCCTCTTC 942
Db 1 TTTCTCTCTCCTCTTC 16

RESULT 78
US-10-388-263-189
; Sequence 189, Application US/10398263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeill, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Chashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 189
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-189

Query Match 17.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 77;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCCTCTTC 942
Db 1 TTTCTCTCTCCTCTTC 16

RESULT 79

US-09-925-548-46
; Sequence 46, Application US/09925548
; Patent No. US20020107216A1
; GENERAL INFORMATION:
; APPLICANT: Dedhar, Shoukat
; APPLICANT: Hannigan, Greg
; APPLICANT: Yee, Arthur
; TITLE OF INVENTION: INTEGRIN-LINKED KINASE AND ITS USES
; FILE REFERENCE: KINE001CIP4
; CURRENT APPLICATION NUMBER: US/09/925,548
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 09/390,425
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 09/035,706
; PRIOR FILING DATE: 1998-03-05
; PRIOR APPLICATION NUMBER: 08/955,841
; PRIOR FILING DATE: 1997-10-21
; PRIOR APPLICATION NUMBER: 08/752,345
; PRIOR FILING DATE: 1996-11-19
; PRIOR APPLICATION NUMBER: 60/009,074
; PRIOR FILING DATE: 1995-12-21
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-548-46

Query Match

Best Local Similarity 17.5%; Score 12.8; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 931 TCCTCTCTCTTCATTG 946

Db 4 TCCTCTCTCTTCATTG 19

RESULT 80

US-10-349-143-10295/c
; Sequence 10295, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10295
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-10966 for SEQ 2430, in compleme
US-10-349-143-10295

Query Match

Best Local Similarity 17.5%; Score 12.8; DB 1; Length 19;

Best Local Similarity 87.5%; Pred. No. 80;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 909 TTTCTTTGGTCTTTGC 924
|||||
Db 18 TTTCTTTGGTCATGGC 3

```

RESULT 81
US-09-848-727-13/c
; Sequence 13, Application US/09848727
; Patent No. US20020123048A1
; GENERAL INFORMATION:
; APPLICANT: GAU, JEN-JR.
; TITLE OF INVENTION: BIOLOGICAL IDENTIFICATION SYSTEM WITH INTEGRATED SENSOR
; FILE REFERENCE: 005876.P002
; CURRENT APPLICATION NUMBER: US/09/848,727
; CURRENT FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 60/201,603
; PRIOR FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-848-727-13

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```
Query Match      17.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Qy 903 GGTCATTTTCTTTGGTCTT 921
||| ||| ||| ||| ||| ||| |||
pb 19 GGTCACCCCTCTTTGGTCTT 1

```

RESULT 82
US-10-428-275-438
; Sequence 438, Application US/10428275
; Publication No. US20040067505A1
; GENERAL INFORMATION:
; APPLICANT: Alvarez et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-585
; CURRENT APPLICATION NUMBER: US/10/428,275
; CURRENT FILING DATE: 2003-05-01
; PRIOR APPLICATION NUMBER: 09/966545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/544511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 09/569269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/619252
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185548
; PRIOR FILING DATE: 2000-02-25
; NUMBER OF SEQ ID NOS: 450
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 438
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

;	OTHER INFORMATION: Description of Artificial Sequence:	Primer/Probe
US-10-428-275-438		

Query Match 17.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 900 CCTGGTCATTTCTTTGGT 918
db 1 CCTGGACATTGCATTGCT 19

RESULT 83
 US-10-244-647-597
 ; Sequence 597, Application US/10244647
 ; Publication No. US20030206887A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceutical, Inc.
 ; APPLICANT: Morrissey, David
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Beigelman, Leonid
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) Us
 ; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
 ; FILE REFERENCE: 400/060 (WBHB02-1000)
 ; CURRENT APPLICATION NUMBER: US/10/244,647
 ; CURRENT FILING DATE: 2003-04-14
 ; PRIOR APPLICATION NUMBER: US 60/358,580
 ; PRIOR FILING DATE: 2002-02-20
 ; PRIOR APPLICATION NUMBER: US 60/393,924
 ; PRIOR FILING DATE: 2002-07-03
 ; PRIOR APPLICATION NUMBER: PCT US02/09187
 ; PRIOR FILING DATE: 2002-03-26
 ; PRIOR APPLICATION NUMBER: US 60/296,876
 ; PRIOR FILING DATE: 2001-06-08
 ; NUMBER OF SEQ ID NOS: 1524
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 597
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
 US-10-244-647-597

```

Query Match      17.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 21.1%; Pred. No. 86;
Matches 4: Conservative 11; Mismatches 4; Indels 0; Gaps 0;

```

Qy 910 TTCTTGGTCCTTTGCCCTT 928
::|::|::|::| :
pb 1 TTCCTTGCGCTGCGGAU 19

RESULT 84
 US-10-244-647-1243/c
 ; Sequence 1243, Application US/10244647
 ; Publication No. US20030206887A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceutical, Inc.
 ; APPLICANT: Morrissey, David
 ; APPLICANT: MCSwiggan, James
 ; APPLICANT: Beigelman, Leonid
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) Us
 ; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
 ; FILE REFERENCE: 400/060 (WEHB02-1000)
 ; CURRENT APPLICATION NUMBER: US/10/244,647
 ; CURRENT FILING DATE: 2003-04-14
 ; PRIOR APPLICATION NUMBER: US 60/358,580
 ; PRIOR FILING DATE: 2002-02-20
 ; PRIOR APPLICATION NUMBER: US 60/393,924
 ; PRIOR FILING DATE: 2002-07-03
 ; PRIOR APPLICATION NUMBER: PCT US02/09187
 ; PRIOR FILING DATE: 2002-03-26

; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1243
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1243

Query Match 17.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 910 TCTTTGGTCTTTCCTTT 928
Db 19 TCTTTTGTCTTGGGTAT 1

RESULT 85
US-10-287-919-1518
; Sequence 1518, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1518
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (810217)...(810230)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1914
US-10-287-919-1518

Query Match 17.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 77;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 918 TCTTTGGCTTTTAT 931
Db 1 TCTTTGGCTTTT 14

RESULT 86
US-09-877-478-211
; Sequence 211, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MSHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-03-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 211
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-211

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 28.6%; Pred. No. 85;
Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCCTTGTCT 920
Db 4 AUUUCUUUGUCU 17

RESULT 87
US-09-864-636A-814/c
; Sequence 814, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-814

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCTTG 946
Db 16 CCTCCTCTCTCTTG 3

RESULT 88
US-09-864-636A-820/c
; Sequence 820, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 820

; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 US-09-864-636A-820

Query Match 17.0%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 85;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
 |||||
 Db 16 CCTCCTCTTCATTG 3

RESULT 89

US-09-864-426A-814/c
 ; Sequence 814, Application US/09864426A
 ; Publication No. US20040018489A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Third Wave Technologies
 ; APPLICANT: Ma, Wu Po
 ; APPLICANT: Lyamichev, Victor
 ; APPLICANT: Saiser, Michael
 ; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
 ; FILE REFERENCE: FORS-04946
 ; CURRENT APPLICATION NUMBER: US/09/864,426A
 ; CURRENT FILING DATE: 2001-05-24
 ; NUMBER OF SEQ ID NOS: 2640
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 814
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 US-09-864-426A-814

Query Match 17.0%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 85;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
 |||||
 Db 16 CCTCCTCTTCATTG 3

RESULT 90

US-09-864-426A-820/c
 ; Sequence 820, Application US/09864426A
 ; Publication No. US20040018489A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Third Wave Technologies
 ; APPLICANT: Ma, Wu Po
 ; APPLICANT: Lyamichev, Victor
 ; APPLICANT: Saiser, Michael
 ; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
 ; FILE REFERENCE: FORS-04946
 ; CURRENT APPLICATION NUMBER: US/09/864,426A
 ; CURRENT FILING DATE: 2001-05-24
 ; NUMBER OF SEQ ID NOS: 2640
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 820
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 US-09-864-426A-820

Query Match 17.0%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 85;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
 |||||
 Db 16 CCTCCTCTTCATTG 3

RESULT 91

US-10-342-902-211
 ; Sequence 211, Application US/10342902
 ; Publication No. US20040054156A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Sirna Therapeutics, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: 400/075 (MEH800-845-I)
 ; CURRENT APPLICATION NUMBER: US/10/342,902
 ; CURRENT FILING DATE: 2003-01-15
 ; PRIOR APPLICATION NUMBER: US 09/877,478
 ; PRIOR FILING DATE: 2001-06-08
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6592
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 211
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-10-342-902-211

Query Match 17.0%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 28.6%; Pred. No. 85;
 Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCT 920
 |||||
 Db 4 AUUUUUUUUGUCU 17

RESULT 92

US-10-060-756A-4343/c
 ; Sequence 4343, Application US/10060756A
 ; Publication No. US20030046717A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Zhang, Jian
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 ; FILE REFERENCE: PB0177
 ; CURRENT APPLICATION NUMBER: US/10/060,756A
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4343
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4343

```

```
Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 914 TTGGTCTTTGCCCTT 927
db 15 TTGGTCTTTGACTT 2

```

RESULT 93
US-10-060-756A-4344/c
; Sequence 4344, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4344
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4344

```

```
Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 914 TTGGTCTTTGCCTT 927
db 14 TTGGTCTTTGACTT 1

RESULT 94
US-10-084-839-814/c
; Sequence 814, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Arque, Brad T.

```

; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Crehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiatk, Andrew A.
; APPLICANT: Lyamichnev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Muncz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tetsuka Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Trevdik, Kevin L.
; APPLICANT:
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06656
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-03-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-10-084-839-814

```

Query Match	17.0%	Score 12.4;	DB 1;	Length 17;
Best Local Similarity	92.9%;	Pred. No. 85;		
Matches 13: Conservative	0;	Mismatches	1;	Indels
				Caps 0;

Qy 933 CCTCCTCTTCATTG 946
 |||||
Db 16 CCTCCTCCTCATTG 3

RESULT 95
US-10-084-839-820, Application US/10084839
; Sequence 820, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: JF, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymacheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Strzypczynski, Zbigniew
; APPLICANT: Takova, Tsecka Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 820
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-820

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCTCTTCATTG 945
DB 16 CCTCTCTTCATTG 3

RESULT 96
US-10-669-841-211
; Sequence 211, Application US/10669841
; Publication No. US20040127446A1

; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts

; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS
; FILE REFERENCE: 400/042US (MEH802-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841

; CURRENT FILING DATE: 2003-03-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 211
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-211

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 28.6%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;
QY 907 ATTTCCTTGCT 920
DB 4 AUUUUUUUUUU 17

RESULT 97

US-09-819-094-31/c
; Sequence 31, Application US/09919094
; Publication No. US20030186382A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Therapeutic and Diagnostic Use
; FILE REFERENCE: UCSP-018/02US
; CURRENT APPLICATION NUMBER: US/09/819,094
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-819-094-31

Query Match 17.0%; Score 12.4; DB 1; Length 18;

Best Local Similarity 92.9%; Pred. No. 89;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGCT 920
DB 18 ATTTCCTTGCTT 5

RESULT 98

US-10-714-067-31/c
; Sequence 31, Application US/10714067
; Publication No. US20040077054A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; FILE REFERENCE: UCSP-018/02US
; CURRENT APPLICATION NUMBER: US/10/714,067
; CURRENT FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: US/09/819,094
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-714-067-31

Query Match 17.0%; Score 12.4; DB 1; Length 18;

Best Local Similarity 92.9%; Pred. No. 89;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCT 920
|||||
Db 18 ATTTCCTTTGGTTT 5

RESULT 99
US-09-864-636A-201/c
; Sequence 201, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 201
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-201

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 100
US-09-864-636A-828/c
; Sequence 828, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 828
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-828

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 101
US-09-864-426A-201/c
; Sequence 201, Application US/09864426A

; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 201
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-201

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 102
US-09-864-426A-828/c
; Sequence 828, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 828
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-828

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 103
US-10-084-839-201/c
; Sequence 201, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.

```
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowski, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, Wufo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetskay.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; FILE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 201
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-201

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CTTCTCTCTTCATTG 946
DB 18 CTTCTCTCTTCATTG 5

RESULT 104
US-10-084-839-828/c
; Sequence 828, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chenak, Lukne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowski, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, Wufo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetskay.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
```

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; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 828
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-828

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CTTCTCTCTTCATTG 946
DB 18 CTTCTCTCTTCATTG 5

RESULT 105
US-10-244-647-319
; Sequence 319, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 319
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-244-647-319

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 28.6%; Pred. No. 92;
Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCT 920
DB 6 AUUUUUUUUUUUUUU 19

RESULT 106
US-10-244-647-965/c
; Sequence 965, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
```

```
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 965
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-965

Query Match      17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

Qy 907 ATTTCCTTGGTCT 920
Db 14 ATTTCCTTGGTCT 1

RESULT 107
US-10-349-143-7250/c
; Sequence 7250, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Il'ya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7250
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-3217 for SEQ 3316,
US-10-349-143-7250

Query Match      17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

Qy 917 GTCCTTGGCCTTTA 930
Db 19 GTCCTTGGCCTTTA 6

RESULT 108
US-09-740-332-2472/c
; Sequence 2472, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2472

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 900 CCTGGTCATTTCCTTTG 916
Db 17 CCTGGTCATTTCCTTTG 1

RESULT 109
US-09-817-879-2472/c
; Sequence 2472, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MEH900-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2472

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 900 CCTGGTCATTTCCTTTG 916
Db 17 CCTGGTCATTTCCTTTG 1

RESULT 110
US-09-927-046-790
; Sequence 790, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
; TITLE OF INVENTION: Channel-1
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; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 790
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-790

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 91;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCTCTTCATTG 946
Db 1 AUCCACCUCUUCUAUUG 17

RESULT 111
US-10-060-998-487
; Sequence 487, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 487
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-487

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGTTTA 951
Db 1 TCTTCTCAATGTTTAA 17

RESULT 112
US-10-060-998-490
; Sequence 490, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 490
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-490

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTAATG 954
Db 1 TCTTCAATGTTTACTG 17

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTAATG 954
Db 1 TCTTCAATGTTTACTG 17

RESULT 113
US-10-156-306-1602/C
; Sequence 1602, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1602

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTCGCTTTTGC 924
Db 17 TTTTCTTCGGCTTTTC 1

RESULT 114
US-10-138-674-5632
; Sequence 5632, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-5632

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 91;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTTCTTTCGCTTTTG 923
Db 1 AUAUUCUCUCGCUUUG 17
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RESULT 115
US-10-138-674-7227
; Sequence 7227, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7227
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7227

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 91;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCTTTTAT 931
Db 1 UGGUCUUUGCCUGAAU 17

RESULT 116
US-10-676-154-260/c
; Sequence 260, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 260
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-260

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 936 CCTCTTCATTGGTTAA 952
Db 17 CCTCCTTATTGGTTGA 1

RESULT 117
US-10-287-949A-5632
; Sequence 5632, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5632

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 91;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTTG 923
Db 1 AUAUUCUCUGCUCUUG 17
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RESULT 118
US-10-287-949A-7227
; Sequence 7227, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7227
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7227

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 91;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCTTTTAT 931
Db 1 UGGUCUUUGCCUGAAU 17

RESULT 119
US-10-669-841-5065/c
; Sequence 5065, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
```

;; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
;; TITLE OF INVENTION: VIRUS REPLICATION
;; FILE REFERENCE: 400/042US (MHB02-249-E)
;; CURRENT APPLICATION NUMBER: US/10/669,841
;; CURRENT FILING DATE: 2003-09-23
;; PRIOR APPLICATION NUMBER: PCT/US02/09187
;; PRIOR FILING DATE: 2002-03-26
;; PRIOR APPLICATION NUMBER: US 60/296,876
;; PRIOR FILING DATE: 2001-06-08
;; PRIOR APPLICATION NUMBER: US 60/335,059
;; PRIOR FILING DATE: 2001-10-24
;; PRIOR APPLICATION NUMBER: US 60/337,055
;; PRIOR FILING DATE: 2001-12-05
;; PRIOR APPLICATION NUMBER: US 60/358,580
;; PRIOR FILING DATE: 2002-02-20
;; PRIOR APPLICATION NUMBER: US 60/363,124
;; PRIOR FILING DATE: 2002-03-11
;; PRIOR APPLICATION NUMBER: US 09/817,879
;; PRIOR FILING DATE: 2001-03-26
;; PRIOR APPLICATION NUMBER: US 09/740,332
;; PRIOR FILING DATE: 2000-12-18
;; PRIOR APPLICATION NUMBER: US 09/611,931
;; PRIOR FILING DATE: 2000-07-07
;; PRIOR APPLICATION NUMBER: US 09/504,321
;; PRIOR FILING DATE: 2000-02-15
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 16207
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 5065
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
;; NAME/KEY: misc_feature
;; LOCATION:
;; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-5065

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGTCATTTCTTTG 916
DB 17 CCTGTCGTTATCTGTG 1

RESULT 120
US-09-969-373-2651/c
;; Sequence 2651, Application US/09969373
;; Patent No. US20020133852A1
;; GENERAL INFORMATION:
;; APPLICANT: Effertz, Roger J.
;; APPLICANT: Haug, Brian M.
;; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
;; FILE REFERENCE: 38-10(52679)A
;; CURRENT APPLICATION NUMBER: US/09/969,373
;; CURRENT FILING DATE: 2001-10-02
;; PRIOR APPLICATION NUMBER: US 09/754,853
;; PRIOR FILING DATE: 2001-01-05
;; PRIOR APPLICATION NUMBER: US 09/760,427
;; PRIOR FILING DATE: 2001-01-13
;; PRIOR APPLICATION NUMBER: US 09/855,768
;; PRIOR FILING DATE: 2001-05-15
;; NUMBER OF SEQ ID NOS: 4593
;; SEQ ID NO 2651
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Glycine max
US-09-969-373-2651

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTATG 954
DB 18 TCTTCATTGGTTGAAGG 2

RESULT 121
US-09-969-373-2652
;; Sequence 2652, Application US/09969373
;; Patent No. US20020133852A1
;; GENERAL INFORMATION:
;; APPLICANT: Effertz, Roger J.
;; APPLICANT: Haug, Brian M.
;; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
;; FILE REFERENCE: 38-10(52679)A
;; CURRENT APPLICATION NUMBER: US/09/969,373
;; CURRENT FILING DATE: 2001-10-02
;; PRIOR APPLICATION NUMBER: US 09/754,853
;; PRIOR FILING DATE: 2001-01-05
;; PRIOR APPLICATION NUMBER: US 09/760,427
;; PRIOR FILING DATE: 2001-01-13
;; PRIOR APPLICATION NUMBER: US 09/855,768
;; PRIOR FILING DATE: 2001-05-15
;; NUMBER OF SEQ ID NOS: 4593
;; SEQ ID NO 2652
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Glycine max
US-09-969-373-2652

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTATG 954
DB 1 TCTTCATTGGTTGAAGG 17

RESULT 122
US-10-241-780-108
;; Sequence 108, Application US/10241780
;; Publication No. US20030165821A1
;; GENERAL INFORMATION:
;; APPLICANT: VAN DOORN, Leen-Jan et al.
;; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and ty
;; FILE REFERENCE: 3501-0101P
;; CURRENT APPLICATION NUMBER: US/10/241,780
;; CURRENT FILING DATE: 2002-09-11
;; PRIOR APPLICATION NUMBER: 09/527,030
;; PRIOR FILING DATE: 2000-03-16
;; NUMBER OF SEQ ID NOS: 497
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 108
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-10-241-780-108

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAAATGATCGCT 961
DB 1 TGGTTTAAATGATGTT 17

RESULT 123
US-10-349-143-5922/c
; Sequence 5922, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5922
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-7792 for SEQ 1988,
US-10-349-143-5922

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCCTCTTCA 943
|||
Db 17 TTTATCCCTCCTCTTCCA 1

RESULT 124
US-10-349-143-7176/c
; Sequence 7176, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7176
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2636 for SEQ 3242,
US-10-349-143-7176

Query Match 16.7%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 TATCCCTCCTCTTCAAT 945
|||
Db 17 TGTCCCTCCTGCTCAAT 1

RESULT 125
US-10-456-422-24/c
; Sequence 24, Application US/10456422
; Publication No. US20040019918A1
; GENERAL INFORMATION:
; APPLICANT: Whalen, Anne M.
; APPLICANT: Cook, Christopher K.
; APPLICANT: Sikorski, James A.
; TITLE OF INVENTION: HUMAN MEK2 PROTEIN AND NUCLEIC ACID
; FILE REFERENCE: AGY-002B
; CURRENT APPLICATION NUMBER: US/10/456,422
; CURRENT FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-456-422-24

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCCTCATTTGGTTTAAT 953
|||
Db 17 CTCGTATTGGTATAAT 1

RESULT 126
US-10-138-674-4106
; Sequence 4106, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4106
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4106

Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 89;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 915 TGGTCTTTGCCT 926
:|:|:|:|:|:
Db 2 UGGUCUUUGCCU 13

RESULT 127

```
US-10-287-949A-4106
; Sequence 4106, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4106
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-4106

Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 89;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db 2 UGGUCUUUGCCU 13
:||||:||||:

RESULT 128
US-10-138-674-5670
; Sequence 5670, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5670
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-5670

Query Match 16.4%; Score 12; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 93;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db 3 UGGUCUUUGCCU 14
:||||:||||:

RESULT 129
US-10-287-949A-5670
; Sequence 5670, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5670
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5670

Query Match 16.4%; Score 12; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 93;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db 3 UGGUCUUUGCCU 14
:||||:||||:

RESULT 130
US-10-138-674-44
; Sequence 44, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 44
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-44

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db 5 UGGUCUUUGCCU 16
:||||:||||:

RESULT 131
US-10-138-674-45
; Sequence 45, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-45
```

; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-45

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
:||||:||||:
Db 3 UGGUCUUUGCCU 14

RESULT 132

US-10-138-674-46
; Sequence 46, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 46
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-46

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
:||||:||||:
Db 2 UGGUCUUUGCCU 13

RESULT 133

US-10-138-674-4244
; Sequence 4244, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4244
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4244

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926

Db 4 UGGUCUUUGCCU 15
:||||:||||:

RESULT 134

US-10-287-949A-44
; Sequence 44, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 44
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-44

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
:||||:||||:
Db 5 UGGUCUUUGCCU 16

RESULT 135

US-10-287-949A-45
; Sequence 45, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-45

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
:||||:||||:
Db 3 UGGUCUUUGCCU 14

RESULT 136

US-10-287-949A-46
; Sequence 46, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:


```

; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: test sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(4)
; OTHER INFORMATION: hairpin linker
US-10-446-201-26

Query Match          16.2%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred.No.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      926 TTTTATGCTCTCTCT 940
      ||||| |||||
Db       2 TTTTCTCTCTCTCT 16

RESULT 141
US-10-108-164-66
; Sequence 66, Application US/10108164
; Publication No. US20030104356A1
; GENERAL INFORMATION:
; APPLICANT: Berger, Shelley L.
; APPLICANT: Fraser, Nigel W.
; APPLICANT: Tal-Singer, Ruth
; APPLICANT: Leary, Jeffrey J.
; TITLE OF INVENTION: Compounds And Methods For Treating And
; TITLE OF INVENTION: Screening Viral Reactivation
; FILE REFERENCE: PS0682C1
; CURRENT APPLICATION NUMBER: US/10/108,164
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 09/424,348
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: PCT/US98/13733
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/051,633
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: 60/054,515
; PRIOR FILING DATE: 1997-08-01
; PRIOR APPLICATION NUMBER: 60/080,352
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Herpes simplex virus
US-10-108-164-66

Query Match          16.2%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred.No.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      905 TCATTTCTTTTGTC 919
      ||||| |||||
Db       2 TCATTCATTGGTC 16

RESULT 142
US-10-101-433A-38
; Sequence 38, Application US/10101433A
; Publication No. US20030119726A1
; GENERAL INFORMATION:
; APPLICANT: Hanscom, Sara
; APPLICANT: Crespi, Charles
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307/70019

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```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH001-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 801
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-801

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 40.0%; Pred. No. 1e+02;
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY      937 CTTTCATTGGTTTA 951
Db      3 CACUUAUUAACCCUCCU 17

RESULT 150
US-10-138-674-419
; Sequence 419, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138.674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 419
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-419

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 1e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTTATCCCTCCT 938
Db      3 CCUAUUAACCCUCCU 17

RESULT 151
US-10-138-674-7574
; Sequence 7574, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
```

```
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7574

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 1e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTTATCCCTCCT 938
Db      2 CCUAUUAACCCUCCU 16

RESULT 152
US-10-287-949A-419
; Sequence 419, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 419
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-419

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 1e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTTATCCCTCCT 938
Db      3 CCUAUUAACCCUCCU 17

RESULT 153
US-10-287-949A-7574
; Sequence 7574, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7574
```

Query Match 16.2%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 53.3%; Pred. No. 1.1e+02;
 Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 924 CTTTATCCCTCT 938
 DB 2 CCUAUUAACCCUCCU 16

RESULT 154

US-09-969-373-3188/c
 ; Sequence 3188, Application US/09969373
 ; Patent No. US20020133852A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bifert, Roger J.
 ; APPLICANT: Haug, Brian M.
 ; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
 ; FILE REFERENCE: 38-10(52679)/A
 ; CURRENT APPLICATION NUMBER: US/09/969,373
 ; CURRENT FILING DATE: 2001-10-02
 ; PRIOR APPLICATION NUMBER: US 09/754,853
 ; PRIOR FILING DATE: 2001-01-05
 ; PRIOR APPLICATION NUMBER: US 09/760,427
 ; PRIOR FILING DATE: 2001-01-13
 ; PRIOR APPLICATION NUMBER: US 09/855,768
 ; PRIOR FILING DATE: 2001-05-15
 ; NUMBER OF SEQ ID NOS: 4593
 ; SEQ ID NO 3188
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Glycine max
 US-09-969-373-3188

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 TCCTTCATCGTT 949
 DB 15 TCCTTCATCGAT 1

RESULT 155

US-10-067-125-154/c
 ; Sequence 154, Application US/10067125
 ; Publication No. US20030055015A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Brenda F.
 ; APPLICANT: Cowser, Lex M.
 ; APPLICANT: Monia, Brett P.
 ; APPLICANT: Xu, Xiaoxing S.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
 ; FILE REFERENCE: ISPH-0321
 ; CURRENT APPLICATION NUMBER: US/10/067,125
 ; CURRENT FILING DATE: 2002-02-04
 ; PRIOR APPLICATION NUMBER: 09/167,109
 ; PRIOR FILING DATE: 1998-10-06
 ; NUMBER OF SEQ ID NOS: 228
 ; SEQ ID NO 154
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: antisense sequence
 US-10-067-125-154

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTCTTTGCTTTG 923
 |||||

Db 16 TTTCCTTGACTTG 2

RESULT 156

US-10-349-143-6620
 ; Sequence 6620, Application US/10349143
 ; Publication No. US20040005584A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cohen, Daniel
 ; APPLICANT: Blumenfeld, Marta
 ; APPLICANT: Chumakov, Ilya
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 ; FILE REFERENCE: GENSET.020CPI
 ; CURRENT APPLICATION NUMBER: US/10/349,143
 ; CURRENT FILING DATE: 2003-01-21
 ; PRIOR APPLICATION NUMBER: US/09/422,978
 ; PRIOR FILING DATE: 1999-10-20
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 6620
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: primer_bind
 ; LOCATION: 1..18
 ; OTHER INFORMATION: upstream amplification primer 99-14093 for SEQ 2686,
 US-10-349-143-6620

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 903 GGTCAATTTCTTTGG 917
 |||||
 DB 4 GGACATTTTCATTGG 18

RESULT 157

US-10-010-802-27/c
 ; Sequence 27, Application US/10010802
 ; Publication No. US20030078220A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Genassance Pharmaceuticals
 ; APPLICANT: Chew, Anne
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Duda, Amy
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stephens, J. Claiborne
 ; APPLICANT: Windemuth, Andreas
 ; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
 ; FILE REFERENCE: 4 Receptor Alpha Gene
 ; CURRENT APPLICATION NUMBER: US/10/010,802
 ; CURRENT FILING DATE: 2001-11-09
 ; PRIOR APPLICATION NUMBER: PCT/US00/19094
 ; PRIOR FILING DATE: 2000-07-13
 ; NUMBER OF SEQ ID NOS: 413
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 27
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-010-802-27

Query Match 15.6%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 1.1e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;


```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 501
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-501

Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 38.5%; Pred. No. 1.2e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 915 TGGTCTTGGCTT 927
DB 4 UGAUCUUGCCUU 16

RESULT 162
US-10-342-902-210
; Sequence 210, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 210
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-210

Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 1.2e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTC 919
DB 5 AUUUUCUUUUGUC 17

RESULT 163
US-10-342-902-215
; Sequence 215, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
```

```
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 215
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-215

Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 1.2e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTG 923
DB 1 UCUUUUGUCUUUG 13

RESULT 164
US-10-060-756A-4345/c
; Sequence 4345, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 4345
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4345

Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGGTCTTGGCT 926
DB 11 TTTTCTTTGGCT 926
```

```
Db      13 TTGGTCTTTGACT 1
RESULT 165
US-10-307-005-583
; Sequence 583, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 583
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Lycopersicon esculentum
US-10-307-005-583

Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      939 CTTTCATTGGTTA 951
Db      3 CTTTCATTAGTTTA 15

RESULT 166
US-10-307-005-584/c
; Sequence 584, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 584
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Lycopersicon esculentum
US-10-307-005-584
```

```
Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      939 CTTTCATTGGTTA 951
Db      15 CTTTCATTAGTTTA 3

RESULT 167
US-10-669-841-210
; Sequence 210, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MEHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 210
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-210

Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 1.2e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

Qy      907 ATTTCTTTGGTC 919
Db      5 AUUUUCUUUUGUC 17

RESULT 168
US-10-669-841-215
; Sequence 215, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
```

```

; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/042US (MEH802-249-B)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 215
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-215

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 1.2e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTGGTCTTGG 923
DB 1 UCUUUGUCUUG 13
:|::|:|::|

RESULT 169
US-09-866-108-7083/c
; Sequence 7083, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7083
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7083

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATGGTT 949
DB 17 CTCCTCTCTCTGGCT 2
|||||:|:|:|:|:|:|

RESULT 170
US-09-866-108-7084/c
; Sequence 7084, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15/52
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7084
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7084

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      934 CTCCTCTTCATGGTT 949
Db      16 CTCCTCTTCATGGCT 1

RESULT 171
US-09-814-786-47
; Sequence 47, Application US/09814786
; Patent No. US20020100072A1
; GENERAL INFORMATION:
; APPLICANT: KIKUCHI, Yasuhiro
; KIKUCHI, Yasuhiro
; SHIMADA, Yukihisa
; OHBAYASHI, Masaya
; SHIMADA, Ritsuko
; OKINAKA, Yasushi
; TITLE OF INVENTION: NOVEL PLANT GENES
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112-3801
; MEDIUM TYPE: Diskette - 3.50 inch, 720 Kb storage.
; COMPUTER: IBM PS/V
; OPERATING SYSTEM: MS-DOS Ver3.30
; SOFTWARE: PATENT AID Ver1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,786
; FILING DATE: 23-Mar-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/616,990
; FILING DATE: 14-Jul-2000
; APPLICATION NUMBER: JP44963/92
; FILING DATE: 02-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-218-2100
; TELEFAX: 212-218-2200
; INFORMATION FOR SEQ ID NO: 47 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15/52
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7084
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Synthetic DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 47
US-09-814-786-47

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      900 CTGTCATTTCTTTG 916
Db      1 CCGGGCATATCTTCG 17

RESULT 172
US-09-827-998-621/c
; Sequence 621, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 621
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-621

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      922 TGCCTTTTATCGCTCC 937
Db      17 TGCCTTCTATCGCTCC 2

RESULT 173
US-09-827-998-622/c
; Sequence 622, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 622
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-622

Query Match      15.3%; Score 11.2; DB 1; Length 17;
```

```
; Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCCTCC 937
   ||| ||| ||| |||
Db 16 TGCCTTCTATGCTCC 1

RESULT 174
US-09-877-478-120
; Sequence 120, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-120

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
   ||| ||| |||
Db 2 UAUGCUCUACUCUCU 17

RESULT 175
US-09-877-478-814
; Sequence 814, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-120

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
   ||| ||| |||
Db 2 UAUGCUCUACUCUCU 17

RESULT 176
US-09-877-478-1871
; Sequence 1871, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1871
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1871

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
   ||| ||| |||
Db 1 UAUGCUCUACUCUCU 16
```

```
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 814
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-814

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
   ||| ||| |||
Db 1 UAUGCUCUACUCUCU 16

RESULT 176
US-09-877-478-1871
; Sequence 1871, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1871
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1871

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
   ||| ||| |||
Db 1 UAUGCUCUACUCUCU 16
```



```
Db      1 UAUGCCUUAUUCUU 16

RESULT 177
US-09-848-754A-2568/c
; Sequence 2568, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2568
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2568

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      913 TTGGGCTTGGCCTTT 928
Db      17 TTGGTGGCTGCCTTT 2

RESULT 178
US-09-776-474-562
; Sequence 562, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK1)
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 562
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY      900 CCGAGCAUUAUUCUU 17
Db      2 CCUGAUAUUAUUCUU 17

RESULT 179
US-09-780-164-273
; Sequence 273, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 273
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-273

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 18.8%; Pred. No. 1.3e+02;
Matches 3; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY      907 ATTTCCTTGGTCTTT 922
Db      2 AUUUUUUUUGUCAU 17

RESULT 180
US-09-780-164-274
; Sequence 274, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 274
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-274

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 18.8%; Pred. No. 1.3e+02;
Matches 3; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY      907 ATTTCCTTGGTCTTT 922
Db      1 AUUUUUUUUGUCAU 16

RESULT 181
US-09-780-164-836
; Sequence 836, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
```

```
; SEQ ID NO 836
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-836

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 939 CTTTCATGCTTTTATG 954
DB 2 CAUCAUUGUUUAAGG 17

RESULT 182
US-09-740-332-339
; Sequence 339, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 339
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-339

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGTCTTTGCTTTTAT 931
DB 2 GGGCCUUGCCUUAU 17

RESULT 183
US-09-740-332-340
; Sequence 340, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 340
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-340

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 919 CTTGCTTTTATCC 934
DB 1 CCUUGCCUUAUUC 16

RESULT 184
US-09-740-332-512/c
; Sequence 512, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 512
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-512

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 TTAATGTATCGCTACC 964
DB 17 TTAAGTGTGCTTACC 2

RESULT 185
US-09-740-332-717/c
; Sequence 717, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-717

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 TAATGTATCGCTACCA 965
DB 16 TAAGGTATTGCAACCA 1

RESULT 186
US-09-740-332-2083
; Sequence 2083, Application US/09740332
```

```
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2083
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2083

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTCTTT 915
Db 2 CCUGGUCUAUCUGU 17

RESULT 187
US-09-740-332-3655
; Sequence 3655, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3655
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3655

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTTGGT 948
Db 1 CCUGGUCUAUCUGU 16

RESULT 188
US-09-740-332-4043
; Sequence 4043, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4043
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4043

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 949 TTAATGTATCGTACC 964
Db 2 UUAAGGUGUCGUACC 17

RESULT 189
US-09-740-332-4216/c
; Sequence 4216, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4216
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4216

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGTCTTTGCCCTTTAT 931
Db 17 GGGCCTTGCCCTATTAT 2

RESULT 190
US-09-817-879-339
; Sequence 339, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MEB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 339
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
```

Query Match	Best Local Similarity	Score	DB 1	Length	DB 2	Length	DB 3	Length	DB 4	Length	DB 5	Length	DB 6	Length	DB 7	Length	DB 8	Length	DB 9	Length	DB 10	Length	DB 11	Length	DB 12	Length	DB 13	Length	DB 14	Length	DB 15	Length	DB 16	Length	DB 17	Length	DB 18	Length	DB 19	Length	DB 20	Length	DB 21	Length	DB 22	Length	DB 23	Length	DB 24	Length	DB 25	Length	DB 26	Length	DB 27	Length	DB 28	Length	DB 29	Length	DB 30	Length	DB 31	Length	DB 32	Length	DB 33	Length	DB 34	Length	DB 35	Length	DB 36	Length	DB 37	Length	DB 38	Length	DB 39	Length	DB 40	Length	DB 41	Length	DB 42	Length	DB 43	Length	DB 44	Length	DB 45	Length	DB 46	Length	DB 47	Length	DB 48	Length	DB 49	Length	DB 50	Length	DB 51	Length	DB 52	Length	DB 53	Length	DB 54	Length	DB 55	Length	DB 56	Length	DB 57	Length	DB 58	Length	DB 59	Length	DB 60	Length	DB 61	Length	DB 62	Length	DB 63	Length	DB 64	Length	DB 65	Length	DB 66	Length	DB 67	Length	DB 68	Length	DB 69	Length	DB 70	Length	DB 71	Length	DB 72	Length	DB 73	Length	DB 74	Length	DB 75	Length	DB 76	Length	DB 77	Length	DB 78	Length	DB 79	Length	DB 80	Length	DB 81	Length	DB 82	Length	DB 83	Length	DB 84	Length	DB 85	Length	DB 86	Length	DB 87	Length	DB 88	Length	DB 89	Length	DB 90	Length	DB 91	Length	DB 92	Length	DB 93	Length	DB 94	Length	DB 95	Length	DB 96	Length	DB 97	Length	DB 98	Length	DB 99	Length	DB 100	Length	DB 101	Length	DB 102	Length	DB 103	Length	DB 104	Length	DB 105	Length	DB 106	Length	DB 107	Length	DB 108	Length	DB 109	Length	DB 110	Length	DB 111	Length	DB 112	Length	DB 113	Length	DB 114	Length	DB 115	Length	DB 116	Length	DB 117	Length	DB 118	Length	DB 119	Length	DB 120	Length	DB 121	Length	DB 122	Length	DB 123	Length	DB 124	Length	DB 125	Length	DB 126	Length	DB 127	Length	DB 128	Length	DB 129	Length	DB 130	Length	DB 131	Length	DB 132	Length	DB 133	Length	DB 134	Length	DB 135	Length	DB 136	Length	DB 137	Length	DB 138	Length	DB 139	Length	DB 140	Length	DB 141	Length	DB 142	Length	DB 143	Length	DB 144	Length	DB 145	Length	DB 146	Length	DB 147	Length	DB 148	Length	DB 149	Length	DB 150	Length	DB 151	Length	DB 152	Length	DB 153	Length	DB 154	Length	DB 155	Length	DB 156	Length	DB 157	Length	DB 158	Length	DB 159	Length	DB 160	Length	DB 161	Length	DB 162	Length	DB 163	Length	DB 164	Length	DB 165	Length	DB 166	Length	DB 167	Length	DB 168	Length	DB 169	Length	DB 170	Length	DB 171	Length	DB 172	Length	DB 173	Length	DB 174	Length	DB 175	Length	DB 176	Length	DB 177	Length	DB 178	Length	DB 179	Length	DB 180	Length	DB 181	Length	DB 182	Length	DB 183	Length	DB 184	Length	DB 185	Length	DB 186	Length	DB 187	Length	DB 188	Length	DB 189	Length	DB 190	Length	DB 191	Length	DB 192	Length	DB 193	Length	DB 194	Length	DB 195	Length	DB 196	Length	DB 197	Length	DB 198	Length	DB 199	Length	DB 200	Length	DB 201	Length	DB 202	Length	DB 203	Length	DB 204	Length	DB 205	Length	DB 206	Length	DB 207	Length	DB 208	Length	DB 209	Length	DB 210	Length	DB 211	Length	DB 212	Length	DB 213	Length	DB 214	Length	DB 215	Length	DB 216	Length	DB 217	Length	DB 218	Length	DB 219	Length	DB 220	Length	DB 221	Length	DB 222	Length	DB 223	Length	DB 224	Length	DB 225	Length	DB 226	Length	DB 227	Length	DB 228	Length	DB 229	Length	DB 230	Length	DB 231	Length	DB 232
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; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3655
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3655

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCTCTTCATGGT 948
Db 1 CCUGGUCUACAUUGGU 16

RESULT 196

US-09-817-879-4043
; Sequence 4043, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4043
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4043

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.8%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 949 TTAATGTATCGCTACC 964
Db 2 UUAAGGUGUGUACC 17

RESULT 197

US-09-817-879-4216/c
; Sequence 4216, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4216
; LENGTH: 17
; TYPE: RNA

; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4216

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGTCTTTCCTTTTAT 931
Db 17 GGGCCTTGCCTATTAT 2

RESULT 198

US-10-342-902-120
; Sequence 120, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-120

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
Db 2 UAUGCCUACUUCUU 17

RESULT 199

US-10-342-902-814
; Sequence 814, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBHB00-845-I)

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6: Conservative 7; Mismatches 3; Indels

RESULT 203
US-09-927-046-220
; Sequence 220, Application US/09927046
; Publication No. US20030064946A1

GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 220
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-220

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 931 TCCTCTCTCTTCATTG 946
Db 1 UCCACACCUUCUCAUG 16

RESULT 204

US-09-927-046-654/c
; Sequence 654, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 654
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-654

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 939 CTTTCATTGGTTTAAATG 954
Db 16 CTTTATTGTGAATG 1

RESULT 205

US-09-927-046-789
; Sequence 789, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim

; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 789
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-789

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCTCTTCATT 945
Db 2 AUCCACCUUCUCAU 17

RESULT 206

US-10-060-756A-4082
; Sequence 4082, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aescima Sequence Listing Engine
; SEQ ID NO 4082
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4082

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTT 950
Db 2 TCCTATGCATTTGTTT 17

RESULT 207

US-10-060-756A-4083
; Sequence 4083, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:

; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; ORGANISM: Homo sapiens
US-10-060-895A-528
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 4083
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4083

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATGTTT 950
Db 1 TCCTATGCAATTTGTTT 16

RESULT 208
US-10-060-895A-528
; Sequence 528, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 528

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-528

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 TATCCCTCTCTTCAT 944
Db 2 TATCCATCATATTCAT 17

RESULT 209
US-10-060-895A-529
; Sequence 529, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 529
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-529

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 TATCCCTCTCTTCAT 944
Db 1 TATCCATCATATTCAT 16

RESULT 210
US-10-060-998-486
; Sequence 486, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30


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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-486

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 TCCTTCATGTTT 950
Db 2 TCTTCTCAATGTTT 17

RESULT 211
US-10-060-998-488
; Sequence 488, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 488
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-488

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 936 CCTCTTCATGTTTA 951
Db 1 CTCTTCAATGTTT 16

RESULT 212
US-10-060-998-489
; Sequence 489, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
```

```
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 489
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-489

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 938 TCTTCATGTTTAA 953
Db 2 TCTTCAATGTTTACT 17

RESULT 213
US-10-060-998-491
; Sequence 491, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 491
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-491

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 939 CTTTCATGTTTAA 954
Db 1 CTTCAATGTTTACTG 16

RESULT 214
US-10-060-998-612
; Sequence 612, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 612
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-612
```


; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1552
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1552

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATGCG 960
DB 17 TGGGCTCATGATGCG 2

RESULT 220
US-10-156-306-1601/c
; Sequence 1601, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1601
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1601

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 TTTCCTTGGCTTTTC 924
DB 17 TTTCCTGGGCTTTTC 2

RESULT 221
US-10-238-700-455/c
; Sequence 455, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 455
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-455

Query Match 15.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 937 CTCCTTCATTGGTTAA 952
DB 16 CACTTCATTGTTTAA 1

RESULT 222
US-10-307-005-1291/c
; Sequence 1291, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1291
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-307-005-1291

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTT 922
DB 17 ACTTTCATGGGCTTT 2

RESULT 223
US-10-307-005-1292
; Sequence 1292, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4

Publication No. US20040081996A1
GENERAL INFORMATION:
APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
TITLE OF INVENTION: Methods and Products Related to
FILE REFERENCE: M0656/7045 (HCL/WAT)
CURRENT APPLICATION NUMBER: US/10/676,154
CURRENT FILING DATE: 2003-09-29
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 595
LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
US-10-676-154-595

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 922 TGCCTTTTATCCCTCC 937
Db 2 TGCCTTTTATCTGCC 17

RESULT 229
US-10-287-949A-119/c
Sequence 119, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 119
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-119

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 909 TTTCTTTTGGCTTTGC 924
Db 17 TTTCTTTTGTACGTTGC 2

RESULT 230
US-10-287-949A-1398
Sequence 1398, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1398
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-1398

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 1.3e+02;
Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

Qy 907 ATTTCTTTTGGCTTT 922
Db 2 AUAUUCUCUGCUCUUU 17

RESULT 231
US-10-287-949A-5149/c
Sequence 5149, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5149
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-5149

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 914 TTGCTTTTGGCTTTT 929
Db 17 TTGCTTTTGGCTTTT 2

RESULT 232
US-10-287-949A-8358
Sequence 8358, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8358

```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8358

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```
Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 1.3e+02;
Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;
```

Qy 908 TTTTCTTTGGTCTTG 923
 : :: | : : | : :: |
Db 1 UAUCUCUGCUCUUG 16

```

RESULT 233
US-10-712-672-363
/ Sequence 363, Application US/10712672
/ Publication No. US20040102413A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Chowirra, Bharat
/ APPLICANT: McSwiggen, Dan
/ APPLICANT: Stinchcomb, Dan
/ TITLE OF INVENTION: Method and Reagent for
/ FILE REFERENCE: MEHB00-882-C (400/019)
/ CURRENT APPLICATION NUMBER: US/10/712,672
/ CURRENT FILING DATE: 2003-11-13
/ PRIOR APPLICATION NUMBER: US/09/553,225
/ PRIOR FILING DATE: 2000-08-31
/ PRIOR APPLICATION NUMBER: 60/197,769
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/150,713
/ PRIOR FILING DATE: 1999-08-31
/ NUMBER OF SEQ ID NOS: 5586
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 363
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-712-672-363

```

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 919 CTTTGCCCTTTATCCC 934
|::|||::|
pb 1 CUUUGCUUCACCCC 16

```

RESULT 234
US/10-712-672-1414
/ Sequence 1414, Application US/10712672
/ Publication No. US20040102413A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Chowkira, Bharat
/ APPLICANT: McGwiggan, Jim
/ APPLICANT: Stinchcomb, Dan
/ TITLE OF INVENTION: Method and Reagent for
/ FILE REFERENCE: MBH00-882-C (400/019)
/ CURRENT APPLICATION NUMBER: US/10/712,672
/ CURRENT FILING DATE: 2003-11-13
/ PRIOR APPLICATION NUMBER: US/09/653,225
/ PRIOR FILING DATE: 2000-08-31
/ PRIOR APPLICATION NUMBER: 60/197,769
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/150,713
/ PRIOR FILING DATE: 1999-08-31
/ NUMBER OF SEQ ID NOS: 5586
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1414
/ LENGTH: 17

```

```

; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-1414

```

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. NO. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 919 CTTTGCCCTTTTATCCC 934
|::|::|::|::|
pb 2 CUUUGCCUCCACCCC 17

RESULT 235
US-10-669-841-120
; Sequence 120, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAT
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/042US (MEHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-120

```
Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6: Conservative 7; Mismatches 3; Indels 0; Gaps 0;
```

QY 929 TATCCCTCCTCTTCAT 944
:|:|:|:|:|:|:
DB 2 TAAGCCATCAACCTCTT 17

RESULT 236
US-10-669-841-814
; Sequence 814. Application US/10669841

```

; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2932
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-2932

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      916 GGTCCTTTGCCTTTAT 931
      ||| :|||: :|:
Db      2 GGGCCUUGCCUAUUAU 17

RESULT 238
US-10-669-841-2933
; Sequence 2933, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/042US (MBH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20

```


; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-3310

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 TAATGATTCGCTACCA 965
||| ||||| |||||
Db 16 TAAGGTATTGCAACCA 1

RESULT 241

US-10-669-841-4676
; Sequence 4676, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Favco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MEH02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: US/107669,841
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4676
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-4676

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTCCTT 915

Db 2 CCUGGUCGUACUGU 17
||:||||:|:|:|:|:

RESULT 242

US-10-669-841-6248
; Sequence 6248, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Favco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MEH02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6248
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-6248

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTGGT 948
||:|:|:|:|:|:|:
Db 1 CCUGGUCUACUUGGU 16

RESULT 243

US-10-669-841-6636
; Sequence 6636, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7083
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7083

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGGTT 949
Db 17 CTCCTCTTCATTGGCT 2

RESULT 246
US-10-723-361-7084/c
; Sequence 7084, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7084
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7084

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGGTT 949
Db 16 CTCCTCTTCATTGGCT 1

RESULT 247
US-09-365-029-72
; Sequence 72, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J.
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 72
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-72

Query Match 15.1%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 909 TTCTTTGGTC 919
Db 2 TTCTTTGGTC 12

RESULT 248
US-10-044-674-46/c
; Sequence 46, Application US/10044674
; Publication No. US20030175710A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Bieglecki, Karyn M
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
; FILE REFERENCE: TNFRSF11B.MW-0001US (CIP)
; CURRENT APPLICATION NUMBER: US/10/044,674
; CURRENT FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/US00/18803
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 46
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-044-674-46

Query Match 15.1%; Score 11; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```
QY 906 CATTCTTCGT 918
DB 15 CRTTACTTCGT 3

RESULT 249
US-09-294-121A-34
; Sequence 34, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-294-121A-34

Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 900 CCTGTCATTT 910
DB 3 CCTGTCATTT 13

RESULT 251
US-09-899-302-34
; Sequence 34, Application US/09899302
; Patent No. US2002016826A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
```

STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-899-302-34

Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 900 CCTGGTCATT 910
||| |||||
Db 3 CCTGGTCATT 13

RESULT 252
US-09-899-044-34
Sequence 34, Application US/09899044
Publication No. US2003003605A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-899-044-34

Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 900 CCTGGTCATT 910
||| |||||
Db 3 CCTGGTCATT 13

RESULT 253
US-10-376-770-125
Sequence 125, Application US/10376770
Publication No. US20040106102A1
GENERAL INFORMATION:
APPLICANT: Dhallan, Ravinder S.
TITLE OF INVENTION: RAPID ANALYSIS OF VARIATIONS IN A GENOME
FILE REFERENCE: 54312000320
CURRENT APPLICATION NUMBER: US/10/376,770
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 10/093,618
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/360,232
PRIOR FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 60/378,354
PRIOR FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 262
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 6
OTHER INFORMATION: This nucleotide may be absent
US-10-376-770-125

Query Match 15.1%; Score 11; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 1.3e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 934 CTCCTCTTCAT 944
Db 3 CTCCTCTTCAT 13

RESULT 254

US-10-661-165-125
; Sequence 125, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; FILE OF INVENTION: DISORDERS
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 6
; OTHER INFORMATION: This nucleotide may be absent

US-10-661-165-125

Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCAT 944
Db 3 CTCCTCTTCAT 13

RESULT 255

US-10-461-790-133/c
; Sequence 133, Application US/104611790
; Publication No. US2004002911A1
; GENERAL INFORMATION:
; APPLICANT: Linhen, Jeffery M.
; APPLICANT: Kolk, Daniel P.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadashi
; APPLICANT: Ho-Sing-Ioy, Mary
; TITLE OF INVENTION: Compositions and Methods for Detecting
; FILE OF INVENTION: Hepatitis B Virus
; FILE REFERENCE: GP134-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 60/389,393
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 133
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)-(14)
; OTHER INFORMATION: 2'-Ome nucleotide analogs
US-10-461-790-133

Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 929 TATCCTCTCTTC 942
Db 14 TATCCTCTCTTC 1

RESULT 256

US-09-771-933-173/c
; Sequence 173, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 173
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe

US-09-771-933-173

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 910 TTCTTTGGTCTTG 923
Db 14 TTCTTTGGTCTTG 1

RESULT 257

US-09-877-478-6005
; Sequence 6005, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/829)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6005
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6005

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 929 TATCCCTCCTTC 942
Db 1 UAUGCCUACUUC 14

RESULT 258
US-09-877-478-6031
; Sequence 6031, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6031
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6031

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 929 TATCCCTCCTTC 942
Db 2 UAUGCCUACUUC 15

RESULT 259

US-10-342-902-6005
; Sequence 6005, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6005
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-6005

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 929 TATCCCTCCTTC 942
Db 1 UAUGCCUACUUC 14

RESULT 260
US-10-342-902-6031
; Sequence 6031, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6031
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-6031

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTC 942
Db 2 UAUGCCUACUUC 15

RESULT 261

US-10-128-560-219
; Sequence 219, Application US/10128560
; Publication No. US20030134272A1

; GENERAL INFORMATION:
; APPLICANT: Universiteit Gent
; TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
; FILE REFERENCE: UG-005-PCT
; CURRENT APPLICATION NUMBER: US/10/128,560
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: EP 99870216.1
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: EP 00870122.9
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: UG 60/211,929
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 264
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 219
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-128-560-219

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 904 GTCATTTCTTTGG 917
Db 1 GTCATTTCTTTG 14

RESULT 262

US-10-044-674-44
; Sequence 44, Application US/10044674
; Publication No. US20030175710A1

; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Bieglecki, Karyn M
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
; FILE REFERENCE: TNFRSF11B MWH-0001US (CIP)
; CURRENT APPLICATION NUMBER: US/10/044,674
; CURRENT FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/US00/18803
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-044-674-44

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTCCTTTTATC 932
Db 2 CTTTCCTTTTARC 15

RESULT 263

US-10-440-850-290
; Sequence 290, Application US/10440850
; Publication No. US20030207837A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Revers
; FILE REFERENCE: 250/130 (MHE00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 290
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-290

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAATGTA 956
Db 1 AUUGCUUAUGUA 14

RESULT 264

US-10-176-972A-68
; Sequence 68, Application US/10176972A
; Publication No. US20030235822A1

; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Gall, Alexander A.
; APPLICANT: Lohkov, Sergey G.
; APPLICANT: Afonina, Irina A.
; APPLICANT: Singer, Michael J.
; APPLICANT: Kutuyavin, Igor V.
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Systems and Methods for Predicting Oligonucleotide Melting
; FILE REFERENCE: 17682A-003640US
; CURRENT APPLICATION NUMBER: US/10/176,972A
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 09/054,830
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 09/054,832
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 09/431,385
; PRIOR FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: US 09/640,953

; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/724,959
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/796,988
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 68
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe sequence
US-10-176-972A-68

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 TTCATGGTGAAT 953
Db 2 TTCATGGTGAAT 15

RESULT 265
US-10-669-841-2408
; Sequence 2408, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/04208 (MBHB02-249-E)
; CURRENT APPLICATION NUMBER: US 60/296,876
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2408
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2408

Query Match 14.8%; Score 10.8; DB 1; Length 15;

Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
QY 929 TATCCCTCTCTTC 942
Db 1 UAUGCCUCAUUC 14

RESULT 266
US-10-669-841-2434
; Sequence 2434, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/04208 (MBHB02-249-E)
; CURRENT APPLICATION NUMBER: US 60/296,876
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2434
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2434

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTC 942
Db 2 UAUGCCUCAUUC 15

RESULT 267
US-10-461-790-132/c
; Sequence 132, Application US/10461790
; Publication No. US20040029111A1
; GENERAL INFORMATION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Kolik, Daniel P.
; APPLICANT: Dockter, Janel M.

; APPLICANT: Getman, Damon K.
 ; APPLICANT: Yoshimura, Tadashi
 ; APPLICANT: Ho-Sing-Loy, Marcy
 ; APPLICANT: Stringfellow, Leslie A.
 ; TITLE OF INVENTION: Compositions and Methods for Detecting
 ; TITLE OF INVENTION: Hepatitis B Virus
 ; FILE REFERENCE: GPI34-02.UT
 ; CURRENT APPLICATION NUMBER: US/10/461,790
 ; CURRENT FILING DATE: 2003-06-13
 ; PRIOR APPLICATION NUMBER: 60/389,393
 ; PRIOR FILING DATE: 2002-06-14
 ; NUMBER OF SEQ ID NOS: 142
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 132
 ; LENGTH: 16
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B Virus
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (1)-(16)
 ; OTHER INFORMATION: 2'-OME nucleotide analogs
 US-10-461-790-132

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 1.4e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTC 942
 DB 14 TATGCCCTCATCTTC 1

RESULT 268
 US-10-351-934A-4
 ; Sequence 4, Application US/10351934A
 ; Publication No. US20030170705A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Boreal Plant Breeding Ltd
 ; TITLE OF INVENTION: Method and Test Kit for Demonstrating Genetic Identity
 ; FILE REFERENCE: A1435PUS
 ; CURRENT APPLICATION NUMBER: US/10/351,934A
 ; CURRENT FILING DATE: 2003-04-17
 ; PRIOR APPLICATION NUMBER: FI 20020176
 ; PRIOR FILING DATE: 2002-01-30
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Zea mays
 ; FEATURE:
 ; OTHER INFORMATION: right flanking (FR) sequence of Hbr7
 US-10-351-934A-4

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 1.4e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 905 TCATTTTCTTTGGT 918
 DB 3 TCCTTTGCTTTGGT 16

RESULT 269
 US-10-117-108A-18/c
 ; Sequence 18, Application US/10117108A
 ; Publication No. US20030082571A1
 ; GENERAL INFORMATION:
 ; APPLICANT: KACHAB, Edward H.
 ; APPLICANT: BARNETT, Graeme R.
 ; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
 ; FILE REFERENCE: 37955-0004
 ; CURRENT APPLICATION NUMBER: US/10/117,108A

; CURRENT FILING DATE: 2002-04-08
 ; PRIOR APPLICATION NUMBER: US 60/282,491
 ; PRIOR FILING DATE: 2001-04-10
 ; NUMBER OF SEQ ID NOS: 80
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 18
 ; LENGTH: 12
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic oligonucleotide
 ; NAME/KEY: misc feature
 ; LOCATION: (1)-(6)
 ; OTHER INFORMATION: The monomer aaaggc may be repeated from 2-20 times
 US-10-117-108A-18

Query Match 14.2%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 1.3e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCCTTGCCCTTT 928
 DB 12 GCCTTGCCCTTT 1

RESULT 270
 US-10-717-897-74
 ; Sequence 74, Application US/10717897
 ; Publication No. US20040163146A1
 ; GENERAL INFORMATION:
 ; APPLICANT: PHILLIPS, JONATHAN
 ; APPLICANT: PUTHIGAE, SATHISH
 ; APPLICANT: YAO, JIALONG
 ; APPLICANT: FLINN, BARRY
 ; APPLICANT: FORSTER, RICHARD S.
 ; APPLICANT: EAGLETON, CLARE
 ; TITLE OF INVENTION: VASCULAR-PREFERRED PROMOTERS
 ; FILE REFERENCE: 044463-0264
 ; CURRENT APPLICATION NUMBER: US/10/717,897
 ; CURRENT FILING DATE: 2003-11-21
 ; PRIOR APPLICATION NUMBER: 60/428,287
 ; PRIOR FILING DATE: 2002-11-22
 ; NUMBER OF SEQ ID NOS: 86
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 74
 ; LENGTH: 12
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: nucleotide motif sequence
 US-10-717-897-74

Query Match 14.2%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 1.3e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCT 940
 DB 1 TCTCCCTCCTCT 12

RESULT 271
 US-08-726-093-8/c
 ; Sequence 8, Application US/08726093
 ; Publication No. US20020012902A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FUCHS, Martin
 ; APPLICANT: EGHOLM, Michael
 ; APPLICANT: O'KEEFE, Heather
 ; APPLICANT: YOA, Xian-Wei
 ; TITLE OF INVENTION: METHODS AND KITS FOR HYBRIDIZATION

;; TITLE OF INVENTION: ANALYSIS USING PEPTIDE NUCLEIC ACID PROBES
;; NUMBER OF SEQUENCES: 10
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Patent Administrator, Testa Hurwitz &
;; ADDRESSEE: Thibeault, LLP
;; STREET: 125 High Street
;; CITY: Boston
;; STATE: Massachusetts
;; COUNTRY: USA
;; ZIP: 02110
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/726,093
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: TURANO, THOMAS A.
;; REGISTRATION NUMBER: 35,722
;; REFERENCE/DOCKET NUMBER: SYP-116
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 248-7000
;; TELEFAX: (617) 248-7100
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 13 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "fluorescein labeled peptide"
;; DESCRIPTION: nucleic acid"
US-08-726-093-8

Query Match 14.2%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCTTT 922
Db 12 TCTTTGGTGT 1

RESULT 272
US-09-504-231A-1011
; Sequence 1011, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1011
; LENGTH: 15

;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1011

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 1.5e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 932 CCCTCTCTCTTCA 943
Db 4 CCCUCCUGUUA 15

RESULT 273
US-09-274-553D-1011
; Sequence 1011, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1011
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1011

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 1.5e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 932 CCCTCTCTCTTCA 943
Db 4 CCCUCCUGUUA 15

RESULT 274
US-10-196-113-2/c
; Sequence 2, Application US/10196113
; Publication No. US2003009973A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Eugenia
; APPLICANT: Hall, William Christopher
; APPLICANT: Zhao, XueChun
; TITLE OF INVENTION: E-GENECHIP ONLINE WEB SERVICE FOR DATA MINING BIOINFORMATICS
; FILE REFERENCE: UNLV 1013
; CURRENT APPLICATION NUMBER: US/10/196,113
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: 60/306,234
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 15

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-196-113-2

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 1.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CTGCTGCTATTTT 911
Db 13 CTGCTGCTACTTT 2

RESULT 275

US-10-197-019-40
; Sequence 40, Application US/10197019
; Publication No. US20030207284A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Gilson, Christopher Raleigh
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE
; FILE REFERENCE: MWH-0042US
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/10/197,019
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-40

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.5e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 917 GTCCTTGCCTTTTA 930
Db 1 GTCGTGCTGCTGTR 14

RESULT 276

US-10-138-674-4114
; Sequence 4114, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4114
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4114

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 41.7%; Pred. No. 1.5e+02;
Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCC 933
Db 3 UUCUUUUUAUCC 14

RESULT 277

US-10-287-949A-4114
; Sequence 4114, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4114
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-4114

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 41.7%; Pred. No. 1.5e+02;
Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCC 933
Db 3 UUCUUUUUAUCC 14

RESULT 278

US-09-820-531-2/c
; Sequence 2, Application US/09820531
; Patent No. US20020009736A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Eugenia
; TITLE OF INVENTION: Microarrays to Screen Regulatory Genes
; FILE REFERENCE: UNLV 1010
; CURRENT APPLICATION NUMBER: US/09/820,531
; CURRENT FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-820-531-2

Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CCTGCTGCTATTTT 911
Db 14 CCTGCTGCTACTTT 3

RESULT 279

US-10-287-919-1127/c
; Sequence 1127, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.

; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1127
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (506126)...(506141)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1378
US-10-287-919-1127

Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTTCGCTTTTAT 931
Db 15 TTTCGCTTTTAT 4

RESULT 280

US-09-872-338-4/c
; Sequence 4, Application US/09872338
; Patent No. US20020061528A1
; GENERAL INFORMATION:
; APPLICANT: GARDNER, Timothy
; TITLE OF INVENTION: Multi-State Genetic Oscillator
; FILE REFERENCE: CEL-004
; CURRENT APPLICATION NUMBER: US/09/872,338
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US99/28592
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 60/110,616
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ribosome Binding Site A
US-09-872-338-4

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTTATCCCTCCT 938
Db 15 CATTTTTTCCTCCT 1

RESULT 281

US-09-916-230-9/c
; Sequence 9, Application US/09916230
; Patent No. US20020146422A1
; GENERAL INFORMATION:
; APPLICANT: Bachmann, Martin F.
; APPLICANT: Renner, Wolfgang A.
; TITLE OF INVENTION: Compositions for Inducing Self-Specific Anti-IgE
; TITLE OF INVENTION: Antibodies and Uses Thereof
; FILE REFERENCE: 1700.0140001
; CURRENT APPLICATION NUMBER: US/09/916,230
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: US 60/221,841
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-916-230-9

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTTATCCCTCCT 938
Db 15 CGTTTTTACCTCCT 1

RESULT 282

US-09-848-616-13/c
; Sequence 13, Application US/09848616
; Publication No. US20030054010A1
; GENERAL INFORMATION:
; APPLICANT: Sebbel, Peter
; APPLICANT: Dunant, Nicolas
; APPLICANT: Bachmann, Martin
; APPLICANT: Tissot, Alain
; APPLICANT: Lechner, Franziska
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0180002
; CURRENT APPLICATION NUMBER: US/09/848,616
; CURRENT FILING DATE: 2001-05-05
; NUMBER OF SEQ ID NOS: 186
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified ribosome
; OTHER INFORMATION: binding site
US-09-848-616-13

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTTATCCCTCCT 938
Db 15 CGTTTTTACCTCCT 1

RESULT 283

US-09-877-478-6032
; Sequence 6032, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993

```
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6032
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6032

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      930 ATCCCTCTCTTCAT 944
Db      1 AUGCCUACUUCUU 15

RESULT 284
US-09-848-754A-9301/c
; Sequence 9301, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9301
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9301

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      914 TTGGCTCTTGCCTTT 928
Db      15 TTGGTGCTGCTCCTT 1

RESULT 285
US-09-872-868-4/c
; Sequence 4, Application US/09872868
; Publication No. US20030166191A1
; GENERAL INFORMATION:
; APPLICANT: GARDNER, Timothy
; TITLE OF INVENTION: Bistable Genetic Toggle Switch
; FILE REFERENCE: CEL-002
; CURRENT APPLICATION NUMBER: US/09/872,868
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: PCT/US99/28592
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 60/110,616
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Ribosome Binding Site A
US-09-872-868-4

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      924 CCTTTATCCCTCCT 938
Db      15 CATTTTTCCTCCT 1

RESULT 286
US-09-872-339-4/c
; Sequence 4, Application US/09872339
; Publication No. US20030166879A1
; GENERAL INFORMATION:
; APPLICANT: GARDNER, Timothy
; TITLE OF INVENTION: Adjustable Threshold Switch
; FILE REFERENCE: CEL-003
; CURRENT APPLICATION NUMBER: US/09/872,339
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US99/28592
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 60/110,616
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ribosome Binding Site A
US-09-872-339-4

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      924 CCTTTATCCCTCCT 938
Db      15 CATTTTTCCTCCT 1

RESULT 287
US-10-342-902-6032
; Sequence 6032, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MEH30-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
```

Qy 924 CCTTTATCCCTCCT 938

Db 15 CGTTTTCCTCT 1

RESULT 292
US-10-050-898-13/c
; Sequence 13, Application US/10050898
; Publication No. US20030175711A1
; GENERAL INFORMATION:
; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Bachmann, Martin
; APPLICANT: Tissot, Alain
; APPLICANT: Maurer, Patrick
; APPLICANT: Lechner, Franziska
; APPLICANT: Seibel, Peter
; APPLICANT: Piossek, Christine
; APPLICANT: Ortman, Rainer
; APPLICANT: Luond, Rainer
; APPLICANT: Staufenbiel, Matthias
; APPLICANT: Frey, Peter
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0190005
; CURRENT APPLICATION NUMBER: US/10/050,898
; CURRENT FILING DATE: 2002-01-19
; PRIOR APPLICATION NUMBER: US 60/262,379
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/288,549
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/326,998
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/331,045
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified ribosome binding site
US-10-050-898-13

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTTACCTCT 938
Db 15 CGTTTTCCTCT 1

RESULT 293
US-10-440-850-291
; Sequence 291, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (WBH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11

; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 291
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-291

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 944 TTGTTTATGTATC 958
Db 1 UUUGCUAUAUGUAC 15

RESULT 294
US-10-255-120-58/c
; Sequence 58, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 58
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (104076)...(104091)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 92
US-10-255-120-58

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 TTTTCTTGCTCTT 922
Db 15 TTTTCTTGCTCTT 1

RESULT 295
US-10-255-120-293
; Sequence 293, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 293
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (464388)...(464401)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 444
US-10-255-120-293

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 901 CTGGTCATTTCTTT 915


```

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2435
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2435

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY    930 ATCCCTCCTTCAT 944
      |||:|||||:
Db     1 AUGCCUACUCUU 15

RESULT 298
US-10-733-582-13/c
; Sequence 13, Application US/107333582
; Publication No. US20040136962A1
; GENERAL INFORMATION:
; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Hennecke, Frank
; APPLICANT: Nieba, Lars
; APPLICANT: Bachmann, Martin
; TITLE OF INVENTION: Ordered Molecular Presentation of Antigens, Method of
; FILE OF INVENTION: Preparation and Use
; FILE REFERENCE: 1700.0030002
; CURRENT APPLICATION NUMBER: US/10/733,582
; PRIOR FILING DATE: 2003-12-12
; PRIOR APPLICATION NUMBER: US/09/449,631
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: US 60/110,414
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/142,778
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Modified ribosome
; OTHER INFORMATION: binding site
US-10-733-582-13

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY    924 CTTTTATCCCTCT 938
      |||||:|||||
Db     15 CGTTTATTACTCT 1

RESULT 299
US-10-033-145-862/c
; Sequence 862, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137

```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 862
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-862

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 913 TTTGGTCTTT 922
DB 10 TTTGGTCTTT 1

RESULT 300
US-10-033-145-1038/c
; Sequence 1038, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GAO201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1038
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1038

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCCT 938
DB 10 TATCCCTCCT 1

RESULT 301
US-10-033-145-2027/c
; Sequence 2027, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GAO201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2027
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-2027

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 918 TCTTGCCTT 927
DB 10 TCTTGCCTT 1

RESULT 302
US-10-330-627-72
; Sequence 72, Application US/10330627
; Publication No. US2003017571A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-72

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 941 TCATTGGTTT 950
DB 1 TCATTGGTTT 10

RESULT 303
US-09-918-715-81
; Sequence 81, Application US/09918715
; Publication No. US20030017157A1
; GENERAL INFORMATION:
; APPLICANT: Brad St. Croix
; APPLICANT: Bert Vogelstein
; APPLICANT: Kenneth Kinzler
; TITLE OF INVENTION: ENDOTHELIAL CELL EXPRESSION PATTERNS
; FILE REFERENCE: 1107.00134
; CURRENT APPLICATION NUMBER: US/09/918,715
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/222,599
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: 60/224,360
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/282,850
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 81
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-715-81

Query Match      13.7%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 GTCATTTCCT 913
DB 1 GTCATTTCCT 10

RESULT 304
US-09-365-029-71
```

; Sequence 71, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J.
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 71
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-71

Query Match 13.7%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 911 TCCTTGGTCT 920
Db 1 TCCTTGGTCT 10
|||||

RESULT 305
US-10-461-790-130/c
; Sequence 130, Application US/10461790
; Publication No. US20040029111A1
; GENERAL INFORMATION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Kolk, Daniel P.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadashi
; APPLICANT: Ho-Sing-Loy, Marcy
; APPLICANT: Stringfellow, Leslie A.
; TITLE OF INVENTION: Compositions and Methods for Detecting
; FILE REFERENCE: Gp134-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 60/389,393
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: 2'-OMe nucleotide analogs
US-10-461-790-130

Query Match 13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCAT 944
Db 14 TCCTCTTCAT 5
|||||

RESULT 306
US-10-115-077-14
; Sequence 14, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-14

Query Match 13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCA 943
Db 1 CTCCTCTTCA 10
|||||

RESULT 307
US-10-115-077-59
; Sequence 59, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 59
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-115-077-59

```
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-59

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTCA 943
   |||||
Db 1 CTCCTCTTCA 10

RESULT 308
US-10-091-281-436/c
; Sequence 436, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091.281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 436
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative GKLF/GKLF.01 motif
US-10-091-281-436

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCCTCCTCTT 941
   |||||
Db 13 CCCTCCTCTT 4

RESULT 309
US-10-203-351-9/c
; Sequence 9, Application US/10203351
; Publication No. US20030208787A1
; GENERAL INFORMATION:
; APPLICANT: Sundaresan, Venkatesan
; APPLICANT: Sarojam, Rajani
; TITLE OF INVENTION: Dehiscence Gene and Methods for Regulating Dehiscence
; FILE REFERENCE: 2577-145
; CURRENT APPLICATION NUMBER: US/10/203.351
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: PCT/SG01/00017
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: PCT/SG00/00022
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-203-351-9

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
   |||||
Db 10 CCTCCTCTTC 1

; OTHER INFORMATION: Oligonucleotide
US-10-115-077-13

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
   |||||
Db 4 TTTTCTTTGG 13

RESULT 310
US-10-447-338-1
; Sequence 1, Application US/10447338
; Publication No. US20040009521A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Chan Sheng
; APPLICANT: Gao, Fei
; TITLE OF INVENTION: Methods of detecting DNA variation in sequence data
; FILE REFERENCE: P02-10
; CURRENT APPLICATION NUMBER: US/10/447.338
; CURRENT FILING DATE: 2003-05-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Human1
US-10-447-338-1

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
   |||||
Db 4 TTTTCTTTGG 13

RESULT 311
US-10-115-077-13
; Sequence 13, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115.077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-115-077-13

Query Match      13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTCA 943
   |||||
Db 2 CTCCTCTTCA 11

RESULT 312
US-10-115-077-13
```

US-10-115-077-50
; Sequence 50, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-50

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTCA 943
Db 6 CTCCTCTTCA 15
|||||

RESULT 313
US-10-115-077-58
; Sequence 58, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-58

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTCA 943
Db 2 CTCCTCTTCA 11
|||||

RESULT 314
US-10-203-780-5
; Sequence 5, Application US/10203780
; Publication No. US20030165914A1
; GENERAL INFORMATION:
; APPLICANT: CUZIN, MARC
; APPLICANT: PELTIE, PHILIPPE
; APPLICANT: FONTECAVE, MARC
; APPLICANT: DECOUT, JEAN-LUC
; APPLICANT: DUEYNES, CECILE
; TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR
; FILE REFERENCE: 226286USOXPCT
; CURRENT APPLICATION NUMBER: US/10/203,780
; CURRENT FILING DATE: 2002-11-25
; PRIOR APPLICATION NUMBER: PCT/FR01/00516
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: FR 00 02236
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
; NAME/KEY: modified_base
; LOCATION: (5)..(5)
; OTHER INFORMATION: c is methylated
US-10-203-780-5

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTGG 917
Db 1 TTTTCTTGG 10
|||||

RESULT 315
US-10-400-382-100/c
; Sequence 100, Application US/10400382
; Publication No. US20030190659A1
; GENERAL INFORMATION:
; APPLICANT: LaCasse, Eric
; APPLICANT: McManus, Daniel
; APPLICANT: Durkin, Jonathan P.
; TITLE OF INVENTION: Antisense IAP Nucleobase Oligomers and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 07891/025004
; CURRENT APPLICATION NUMBER: US/10/400,382
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/367,853
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 100
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence

```
;
;
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens.
; OTHER INFORMATION: Each nucleobase may be part of a ribonucleotide,
; OTHER INFORMATION: deoxyribonucleotide, or nucleotide analog
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1, 3, 4, 5, 13
; OTHER INFORMATION: n = T or U
US-10-400-382-100

Query Match      13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 912 CTTGGTCTTTGCC 925
Db 15 CTNTGGTCTTNNC 2

RESULT 316
US-10-440-850-927
; Sequence 927, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440-850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 927
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-927

Query Match      13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.8e+02;
Matches 5; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 917 GTCTTTGGCT 926
Db 4 GUCUUUGCCU 13

RESULT 317
US-10-255-120-119/c
; Sequence 119, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 119
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.

;
;
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (213818)...(213832)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 186
US-10-255-120-119

Query Match      13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTG 916
Db 10 ATTTCCTTG 1

RESULT 318
US-10-255-120-817/c
; Sequence 817, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 817
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (1513440)...(1513454)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1240
US-10-255-120-817

Query Match      13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTG 916
Db 10 ATTTCCTTG 1

RESULT 319
US-09-877-478-6128
; Sequence 6128, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
```

```
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6128
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6128

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 38.5%; Pred. No. 1.7e+02;
Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY      917  GTCCTTGCCTTT 929
Db      1      GUCUGGCCUUCU 13

RESULT 320
US-09-510-378-29
; Sequence 29, Application US/09510378
; Publication No. US20030165823A1
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P. A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
; Detecting Cystic Fibrosis
; NUMBER OF SEQUENCES: 250
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/510,378
; FILING DATE: 22-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/544,381
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/510,521
; FILING DATE: 02-AUG-1995
; APPLICATION NUMBER: PCT/US94/12305
; FILING DATE: 26-OCT-1994
; APPLICATION NUMBER: US 08/284,064
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-004130US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:

; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6128
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-510-378-29

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      915  TGGTCTTTCCTT 927
Db      1      TGGTGTTCCTCT 13

RESULT 321
US-09-798-260-87
; Sequence 87, Application US/09798260
; Publication No. US20030165830A1
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles G.
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P. A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: ARRAYS OF NUCLEIC ACID PROBES FOR ANALYZING
; FILE OF INVENTION: BIOTRANSFORMATION GENES
; FILE REFERENCE: 018547-015720US
; CURRENT APPLICATION NUMBER: US/09/798,260
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 08/778,794
; PRIOR FILING DATE: 1997-01-03
; PRIOR APPLICATION NUMBER: US 08/544,381
; PRIOR FILING DATE: 1995-10-10
; PRIOR APPLICATION NUMBER: US 08/510,521
; PRIOR FILING DATE: 1995-08-02
; PRIOR APPLICATION NUMBER: WO PCT/US94/12305
; PRIOR FILING DATE: 1994-10-26
; PRIOR APPLICATION NUMBER: US 08/284,064
; PRIOR FILING DATE: 1994-08-02
; PRIOR APPLICATION NUMBER: US 08/143,312
; PRIOR FILING DATE: 1993-10-26
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 87
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-798-260-87

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      915  TGGTCTTTCCTT 927
Db      1      TGGTGTTCCTCT 13

RESULT 322
US-10-342-902-6128
; Sequence 6128, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
```

```

, APPLICANT: Sina Therapeutics, Inc.
,
, APPLICANT: Draper, Kenneth
,
, APPLICANT: Blatt, Larry
,
, APPLICANT: McSwigen, Jim
,
, APPLICANT: Morrissey, Dave
,
, TITLE OF INVENTION: Method and Reagent
,
, FILE REFERENCE: 400/075 (MHBH00-845)
,
, CURRENT APPLICATION NUMBER: US/10/3
,
, CURRENT FILING DATE: 2003-01-15
,
, PRIOR APPLICATION NUMBER: US 09/877
,
, PRIOR FILING DATE: 2001-06-08
,
, PRIOR APPLICATION NUMBER: US 09/531
,
, PRIOR FILING DATE: 2000-03-20
,
, PRIOR APPLICATION NUMBER: US 09/636
,
, PRIOR FILING DATE: 2000-08-09
,
, PRIOR APPLICATION NUMBER: US 09/696
,
, PRIOR FILING DATE: 2000-10-24
,
, PRIOR APPLICATION NUMBER: US 08/193
,
, PRIOR FILING DATE: 1994-02-07
,
, PRIOR APPLICATION NUMBER: US 07/882
,
, PRIOR FILING DATE: 1992-05-14
,
, PRIOR APPLICATION NUMBER: US 09/436
,
, PRIOR FILING DATE: 1999-11-08
,
, NUMBER OF SEQ ID NOS: 6592
,
, SOFTWARE: PatentIn version 3.2
,
, SEQ. ID NO 6128
,
, LENGTH: 13
,
, TYPE: RNA
,
, ORGANISM: Hepatitis B virus
,
, US-10-342-902-6128

```

Query Match 13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 38.5%; Pred. No. 1.7e+02;
Matches 5; Conservative 6; Mismatches 2; Indels

QY 917 GTCTTTGCCCTTT 929
|:|:|:|:|:|:|:
Db 1 GUCUGGCCUUCU 13

```

RESULT 323
US/10-113-877-38/c
; Sequence 38, Application US/10113877
; Publication No. US20020177218A1
; GENERAL INFORMATION:
; APPLICANT: Fang, Yu
; APPLICANT: Wang, Xiao-Yang
; APPLICANT: Turpin, Pierre
; TITLE OF INVENTION: Methods of detecting
; TITLE OF INVENTION: binding proteins
; TITLE OF INVENTION: devices, systems
; FILE REFERENCE: CLON-071
; CURRENT APPLICATION NUMBER: US/10/1
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,653
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,33
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version
; SEQ ID NO 38
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US/10-113-877-38

```

Query Match 13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 2; Indels

Qy 908 TTTTCTTTGGTCT 920

Db 13 TGTCTTTGTTCT 1

```

RESULT 324
US-10-669-841-2531
/ Sequence 2531, Application US/10669841
/ Publication No. US20040127446A1
GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: Lawrence, Blatt
/ APPLICANT: Dennis, Macejak
/ APPLICANT: James, McSwiggan
/ APPLICANT: David, Morrissey
/ APPLICANT: Pamela, Pavco
/ APPLICANT: Patricia, Lee
/ APPLICANT: Kenneth, Draper
/ APPLICANT: Elisabeth, Roberts
/ TITLE OF INVENTION: OLIGONUCLEOTIDE MIMICS
/ TITLE OF INVENTION: VIRUS REPLICATION
/ FILE REFERENCE: 400/042US (NHE802-2424)
/ CURRENT APPLICATION NUMBER: US/10/669
/ CURRENT FILING DATE: 2003-09-23
/ PRIOR APPLICATION NUMBER: PCT/US02/099
/ PRIOR FILING DATE: 2002-03-25
/ PRIOR APPLICATION NUMBER: US 60/296,888
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 60/335,000
/ PRIOR FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: US 60/337,000
/ PRIOR FILING DATE: 2001-12-05
/ PRIOR APPLICATION NUMBER: US 60/358,555
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,111
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 09/817,888
/ PRIOR FILING DATE: 2001-03-26
/ PRIOR APPLICATION NUMBER: US 09/740,333
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: US 09/611,999
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: US 09/504,333
/ PRIOR FILING DATE: 2000-02-15
/ Remaining Prior Application data removed
/ NUMBER OF SEQ ID NOS: 16207
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 2531
/ LENGTH: 13
/ TYPE: RNA
/ ORGANISM: Hepatitis B Virus
US-10-669-841-2531

```

Query Match 13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 38.5%; Pred. No. 1.7e+02;
Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy : 917 GTCTTTGCCCTTTT 929
| : | : | : | :
Db : 1 GUCUGUGCCUUCU 13

```

RESULT 325
US-10-700-118-11
; Sequence 11, Application US/10700118
; Publication No. US20040137431A1
; GENERAL INFORMATION:
; APPLICANT: Lopez, Martin J.
; APPLICANT: Eritja, Ramon
; APPLICANT: Munzer, Martin
; TITLE OF INVENTION: Target Sequence
; FILE REFERENCE: 030570
; CURRENT APPLICATION NUMBER: US/10/700-118-11
; CURRENT FILING DATE: 2003-11-03

```



```
; PRIOR APPLICATION NUMBER: US 60/423508
; PRIOR FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Hairpin Component
US-10-700-118-11

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      927 TTATCCCTCCTC 939
Db      1 TTCTTCCTCCTC 13

RESULT 326
US-10-146-058-29
; Sequence 29, Application US/10146058
; Publication No. US20030040499A1
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,058
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/535,249
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/PS8418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
```

```
; ANTI-SENSE: YES
US-10-146-058-29

Query Match      13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      928 TTATCCCTCCTCT 940
Db      2 TTATCCCTGCTGT 14

RESULT 327
US-10-376-770-179/c
; Sequence 179, Application US/10376770
; Publication No. US20040106102A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; FILE REFERENCE: 543312000320
; CURRENT APPLICATION NUMBER: US/10/376,770
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 262
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 179
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 4
; OTHER INFORMATION: This nucleotide may be absent
US-10-376-770-179

Query Match      13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      902 TGGTCATTTCTT 914
Db      14 TAGTCATCTCTT 2

RESULT 328
US-10-661-165-179/c
; Sequence 179, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; DISORDERS
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/061198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
```

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 179
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 4
; OTHER INFORMATION: This nucleotide may be absent
US-10-661-165-179

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 902 TGGTCATTCTTCTT 914
| | | | | | | | | | | | | | | |
Db 14 TAGTCATCTTCTT 2

RESULT 329

US-09-916-808A-10/c
; Sequence 10, Application US/09916808A
; Patent No. US20020090621A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William

; TITLE OF INVENTION: Combinatorial probes and uses therefor
; FILE REFERENCE: 10338-2U1
; CURRENT APPLICATION NUMBER: US/09/916.808A
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: AU PQ9026/00
; PRIOR FILING DATE: 2000-07-27
; PRIOR APPLICATION NUMBER: AU PQ9483/00
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-08-18
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10

; LENGTH: 15

; TYPE: DNA

; FEATURE:

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Synthetic polynucleotide

US-09-916-808A-10

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCC 934
| | | | | | | | | | | | | | | |
Db 13 TGCCTTTTATCCC 1

RESULT 330

US-09-916-808A-15/c
; Sequence 15, Application US/09916808A
; Patent No. US20020090621A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William

; TITLE OF INVENTION: Combinatorial probes and uses therefor
; FILE REFERENCE: 10338-2U1
; CURRENT APPLICATION NUMBER: US/09/916.808A
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: AU PQ9026/00
; PRIOR FILING DATE: 2000-07-27
; PRIOR APPLICATION NUMBER: AU PQ9483/00
; PRIOR FILING DATE: 2000-08-17

; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-08-18
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic polynucleotide
US-09-916-808A-15

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCC 934
| | | | | | | | | | | | | | | |
Db 13 TGCCTTTTATCCC 1

RESULT 331

US-09-864-785-3758/c
; Sequence 3758, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken

; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: 400/022 (MRH300-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3758
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-3758

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 TCCCTCCTCTTCA 943
| | | | | | | | | | | | | | | |
Db 13 TCCCGCTTCTTCA 1

RESULT 332

US-09-877-478-6030
; Sequence 6030, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim

; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MRH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385

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; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6030
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6030

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.9e+02;
Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy      929 TATCCTCTCTCTT 941
Db      3 UAUGCCUUCUUCU 15

RESULT 333
US-09-877-478-6092
; Sequence 6092, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6092
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6092

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.9e+02;
Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy      917 GTCTTTCCTTTT 929
Db      2 GUCUGGCUUCU 14

```

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RESULT 334
US-09-792-818-2245
; Sequence 2245, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insert
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2245
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-2245

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 1.9e+02;
Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy      930 ATCCCTCCTCTTC 942
Db      1 AUCUCUCUCUCU 13

RESULT 335
US-09-510-378-114/c
; Sequence 114, Application US/09510378
; Publication No. US20030165823A1
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
; TITLE OF INVENTION: Detecting Cystic Fibrosis
; NUMBER OF SEQUENCES: 250
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/510,378
; FILING DATE: 22-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/544,381
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/510,521

```

FILING DATE: 02-AUG-1995
APPLICATION NUMBER: PCT/US94/12305
FILING DATE: 26-OCT-1994
APPLICATION NUMBER: US 08/284,064
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-004130US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
INFORMATION FOR SEQ ID NO: 114:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
SEQUENCE DESCRIPTION: SEQ ID NO: 114:
US-09-510-378-114

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTGT 950
||| |||||
Db 14 TCATCATTGGTGT 2

RESULT 336
US-10-342-902-6030
; Sequence 6030, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6030
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-6030

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.9e+02;
Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTT 941
||| |||
Db 3 UAUGCCCAUCU 15

RESULT 337
US-10-342-902-6092
; Sequence 6092, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6092
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-6092

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.9e+02;
Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 917 GTCCTTGCTCTT 929
||| |||
Db 2 GUCUGGCCUUCU 14

RESULT 338
US-10-001-048-4/c
; Sequence 4, Application US/10001048
; Publication No. US20020164610A1
; GENERAL INFORMATION:
; APPLICANT: Leggett, Carol G
; APPLICANT: Whitehouse, Elyn
; APPLICANT: Reeves, Robert H
; TITLE OF INVENTION: METHOD FOR TYPING A CELL
; FILE REFERENCE: 3303-3DIV
; CURRENT APPLICATION NUMBER: US/10/001,048
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-10-001-048-4

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 904 GTCAATTTCTTTG 916
|||||
Db 13 GTCAATTCCTTTG 1

RESULT 339
US-10-001-344-4
; Sequence 4, Application US/10001344
; Publication No. US20020090633A1
; GENERAL INFORMATION:
; APPLICANT: BECKER, Michael M.
; APPLICANT: SCHROTH, Gary P.
; TITLE OF INVENTION: MOLECULAR TORCHES
; FILE REFERENCE: GP098-02.UT
; CURRENT APPLICATION NUMBER: US/10/001.344
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/346,551
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: nucleotide base recognition sequence substantially
; OTHER INFORMATION: complementary to SEQ ID No. US20020090633A1. 1 and 3
US-10-001-344-4

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCT 920
|||||
Db 2 TTTTCTTTGCTCT 14

RESULT 340
US-10-010-802-26/c
; Sequence 26, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; TITLE OF INVENTION: 4 Receptor Alpha Gene
; FILE REFERENCE: MMH-0002US2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010.802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 26
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-26

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTTC 912
|||||
Db 15 CCGGTCGTTTTC 3

RESULT 341
US-10-287-919-103/c
; Sequence 103, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 103
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (11352)...(11366)
; OTHER INFORMATION: Chromosome = 1 Strand = positive
US-10-287-919-103

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTCTTTGCTCT 921
|||||
Db 13 TTTCTTTGATTT 1

RESULT 342
US-10-287-919-524
; Sequence 524, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 524
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (140526)...(140540)
; OTHER INFORMATION: Chromosome = 1 Strand = negative
US-10-287-919-524

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 TCTTTCCTTTTA 930
|||||
Db 3 TCTTTCCTTTTA 15

RESULT 343
US-10-287-919-2149/c
; Sequence 2149, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
US-10-287-919-2149/c

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2149
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1295648)...(1295662)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2741
US-10-287-919-2149

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTT 921
Db 13 TTTCTTTGATTTT 1

RESULT 344
US-10-287-919-2202
; Sequence 2202, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2202
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1361492)...(1361507)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2816
US-10-287-919-2202

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 CATTTCTTTGGT 918
Db 3 CAATTCTTTGAT 15

RESULT 345
US-10-287-919-2643
; Sequence 2643, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2643
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1613349)...(1613363)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 3372
US-10-287-919-2643

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 TCTTTGCTTTTA 930
Db 3 TCTTTGCTTTTA 15

RESULT 346
US-10-352-355-4
; Sequence 4, Application US/10352355
; Publication No. US20030157542A1
; GENERAL INFORMATION:
; APPLICANT: BECKER, Michael M.
; APPLICANT: SCHROTH, Gary P.
; TITLE OF INVENTION: MOLECULAR TORCHES
; FILE REFERENCE: GP098-02 UT
; CURRENT APPLICATION NUMBER: US/10/352,355
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: US/09/346,551B
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,616
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: nucleotide base recognition sequence substantially
; OTHER INFORMATION: complementary to SEQ ID NO. US20030157542A1. 1 and 3
US-10-352-355-4

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCT 920
Db 2 TTTTCTTTGGTCT 14

RESULT 347
US-10-352-331-4
; Sequence 4, Application US/10352331
; Publication No. US20030165957A1
; GENERAL INFORMATION:
; APPLICANT: BECKER, Michael M.
; APPLICANT: SCHROTH, Gary P.
; TITLE OF INVENTION: MOLECULAR TORCHES
; FILE REFERENCE: GP098-02 UT
; CURRENT APPLICATION NUMBER: US/10/352,331
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: US/09/346,551B
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,616
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: nucleotide base recognition sequence substantially
; OTHER INFORMATION: complementary to SEQ ID NO. US20030165957A1. 1 and 3
US-10-352-331-4

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTCTTTGGCT 920
|||||
Db 2 TTTCTTTGGCT 14

RESULT 348

US-10-084-839-3764/c
; Sequence 3764, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lyamacheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3764
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3764

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 916 GGTCTTTGCCCTT 928
|||||
Db 14 GGCCTTTGCCCTCT 2

RESULT 349

US-10-197-019-39/c
; Sequence 39, Application US/10197019
; Publication No. US20030207284A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Gilson, Christopher Raleigh
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE
; FILE REFERENCE: MMH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019

; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-39

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTGGCT 926
|||||
Db 13 TGGGTCTTGGCT 1

RESULT 350

US-10-440-850-746/c
; Sequence 746, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Rever
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MBH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 746
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-746

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTT 950
|||||
Db 14 TCTTCTTAGGTTT 2

RESULT 351

US-10-440-850-757
; Sequence 757, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Rever
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MBH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19

RESULT 349

US-10-197-019-39/c
; Sequence 39, Application US/10197019
; Publication No. US20030207284A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Gilson, Christopher Raleigh
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE
; FILE REFERENCE: MMH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019

```

/ P R I O R   A P P L I C A T I O N   N U M B E R :   U S / 0 9 / 5 5 0 , 0 1 2
/ P R I O R   F I L I N G   D A T E :   2 0 0 0 - 0 8 - 2 8
/ P R I O R   A P P L I C A T I O N   N U M B E R :   U S / 0 8 / 5 8 5 , 6 8 4
/ P R I O R   F I L I N G   D A T E :   1 9 9 6 - 0 1 - 1 2
/ P R I O R   A P P L I C A T I O N   N U M B E R :   U S / 0 0 / 0 0 0 , 9 5 1
/ P R I O R   F I L I N G   D A T E :   1 9 9 5 - 0 7 - 0 7
/ P R I O R   A P P L I C A T I O N   N U M B E R :   U S / 0 9 / 0 3 8 , 0 7 3
/ P R I O R   F I L I N G   D A T E :   1 9 9 8 - 0 3 - 1 1
/ N U M B E R   O F   S E Q   I D   N O S :   2 2 8 5
/ S O F T W A R E :   P a t e n t i n   v e r s i o n   3 . 0
/ S E Q   I D   N O   7 5 7
/   L E N G T H :   1 5
/   T Y P E :   R N A
/   O R G A N I S M :   M u s   m u s c u l u s
/ U S - 1 0 - 4 4 0 - 8 5 0 - 7 5 7

```



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; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: 60/404,821
; PRIOR FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/334,526
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/354,409
; PRIOR FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 60/364,227
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: 60/334,027
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: 60/331,641
; PRIOR FILING DATE: 2001-11-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 673
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 558
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-226-558
```

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Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGG 969
DB 2 TGGCTCCCAACGG 14
```

```
RESULT 355
US-10-255-120-37/c
; Sequence 37, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 37
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (65718)...(65731)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 63
US-10-255-120-37
```

```
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTTGGTCCTTT 922
DB 14 TTCTTTGATCTTT 2
```

```
RESULT 356
US-10-255-120-116/c
; Sequence 116, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
```

```
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 116
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (206713)...(206728)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 180
US-10-255-120-116
```

```
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTTGGTCCTTT 922
DB 15 TTCTTTGATCTTT 3
```

RESULT 357

```
US-10-255-120-173/c
; Sequence 173, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 173
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (284755)...(284768)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 264
US-10-255-120-173
```

```
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTTGGTCCTTT 922
DB 14 TTCTTTGATCTTT 2
```

RESULT 358

```
US-10-255-120-398/c
; Sequence 398, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 398
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (673652)...(673666)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 599
US-10-255-120-398
```

```
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
```

Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGGCT 926
||| ||||| ||
Db 14 TTGTTCTTTGTCT 2

RESULT 359

US-10-255-120-728/c
; Sequence 728, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 728
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (1329223)...(1329237)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1109
US-10-255-120-728

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTTGGTCTTT 922
||| ||||| |||||
Db 15 TTGTTGATCTTT 3

RESULT 360

US-10-255-120-834/c
; Sequence 834, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 834
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (1543056)...(1543070)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1266
US-10-255-120-834

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGGCT 926
||| ||||| |||||
Db 14 TTGTTCTTTGTCT 2

RESULT 361

US-10-287-949A-4147
; Sequence 4147, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4147
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-4147

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 46.2%; Pred. No. 1.9e+02;
Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 916 GGTCTTGGCTTT 928
||| : ||| : :
Db 3 GGCUAUGCCAUU 15

RESULT 362

US-10-669-841-2433
; Sequence 2433, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAT
; FILE REFERENCE: 400/042US (MH002-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2433
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2433

```

; TITLE OF INVENTION: Compositions and Methods for Wound
; TITLE OF INVENTION: Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155
; CURRENT FILING DATE: 1999-02-12
; EARLIER APPLICATION NUMBER: 60/074,737
; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 60/097,937
; EARLIER FILING DATE: 1998-08-26
; EARLIER APPLICATION NUMBER: 60/102,051
; EARLIER FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 59
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155-59

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATGCC 934
Db 1 CCTTTATGCC 11

RESULT 365
US-09-942-310-55
; Sequence 55, Application US/09942310
; Publication No. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risinger, Carl
; APPLICANT: Andersson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaiasson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: GG119.1US
; CURRENT APPLICATION NUMBER: US/09/942,310
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: GB 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 11
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-942-310-55

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCATTTCT 913
Db 1 GGTCATTTCT 11

RESULT 366
US-09-942-310-62/c
; Sequence 62, Application US/09942310
; Publication No. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risinger, Carl
; APPLICANT: Andersson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaiasson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: GG119.1US

```

```
/ CURRENT APPLICATION NUMBER: US/09/942,310
/ CURRENT FILING DATE: 2001-08-29
/ PRIOR APPLICATION NUMBER: GB 0021286.0
/ PRIOR FILING DATE: 2000-08-30
/ NUMBER OF SEQ ID NOS: 77
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 62
/ LENGTH: 11
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic oligonucleotide
US-09-942-310-62

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTTTCT 913
DB 11 GGTGATTTTCT 1

RESULT 367
US-10-314-322-59
/ Sequence 59, Application US/10314322
/ Publication No. US2003022991A1
/ GENERAL INFORMATION:
/ APPLICANT: Heber-Katz, Ellen
/ TITLE OF INVENTION: Compositions and Methods for Wound
/ TITLE OF INVENTION: Healing
/ FILE REFERENCE: 000486.00016
/ CURRENT APPLICATION NUMBER: US/10/314,322
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/074,737
/ PRIOR FILING DATE: 1998-02-13
/ PRIOR APPLICATION NUMBER: US 60/097,937
/ PRIOR FILING DATE: 1998-08-26
/ PRIOR APPLICATION NUMBER: US 60/102,051
/ PRIOR FILING DATE: 1998-09-28
/ PRIOR APPLICATION NUMBER: US 09/249,155
/ PRIOR FILING DATE: 1999-02-12
/ NUMBER OF SEQ ID NOS: 346
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 59
/ LENGTH: 11
/ TYPE: DNA
/ ORGANISM: Mus musculus
/ OTHER INFORMATION: primer
US-10-314-322-59

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTTATCCC 934
DB 1 CCTTTTATCCC 11

RESULT 368
US-10-314-322-279
/ Sequence 279, Application US/10314322
/ Publication No. US2003022991A1
/ GENERAL INFORMATION:
/ APPLICANT: Heber-Katz, Ellen
/ TITLE OF INVENTION: Compositions and Methods for Wound
/ TITLE OF INVENTION: Healing
/ FILE REFERENCE: 000486.00016
/ CURRENT APPLICATION NUMBER: US/10/314,322
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/074,737
/ PRIOR FILING DATE: 1998-02-13
/ PRIOR APPLICATION NUMBER: US 60/097,937
/ PRIOR FILING DATE: 1998-08-26
/ PRIOR APPLICATION NUMBER: US 60/102,051
/ PRIOR FILING DATE: 1998-09-28
/ PRIOR APPLICATION NUMBER: US 09/249,155
/ PRIOR FILING DATE: 1999-02-12
/ NUMBER OF SEQ ID NOS: 346
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 59
/ LENGTH: 11
/ TYPE: DNA
/ ORGANISM: Mus musculus
/ OTHER INFORMATION: primer
US-10-314-322-279

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTTATCCC 934
DB 1 CCTTTTATCCC 11

RESULT 369
US-10-612-224-73
/ Sequence 73, Application US/10612224
/ Publication No. US2004013701A1
/ GENERAL INFORMATION:
/ APPLICANT: Cunningham, Philip R.
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
/ TITLE OF INVENTION: IDENTIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO
/ TITLE OF INVENTION: ANTIBIOTIC RESISTANCE
/ FILE REFERENCE: WSV-2597
/ CURRENT APPLICATION NUMBER: US/10/612,224
/ CURRENT FILING DATE: 2003-07-01
/ PRIOR APPLICATION NUMBER: 60/393237
/ PRIOR FILING DATE: 2002-07-01
/ PRIOR APPLICATION NUMBER: 60/452012
/ PRIOR FILING DATE: 2003-03-05
/ NUMBER OF SEQ ID NOS: 245
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 73
/ LENGTH: 11
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer
US-10-612-224-73

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 45.5%; Pred. No. 1.7e+02;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 941 TCATTGGTTTA 951
DB 1 UCAUUGGUUA 11

RESULT 370
US-10-450-797-74
/ Sequence 74, Application US/10450797
/ Publication No. US20040142335A1
/ GENERAL INFORMATION:
/ APPLICANT: Petersohn, Dirk
/ APPLICANT: Conradt, Marcus
/ APPLICANT: Hofmann, Kay
/ TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
/ FILE REFERENCE: HENK-0041
/ CURRENT APPLICATION NUMBER: US/10/450,797
/ CURRENT FILING DATE: 2003-12-04
/ PRIOR APPLICATION NUMBER: PCT/EP01/151178
/ PRIOR FILING DATE: 2001-12-20
/ PRIOR APPLICATION NUMBER: DE 101 00 121.5
/ PRIOR FILING DATE: 2001-01-03
```

; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-74

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 924 CCTTTTATCCC 934
||| |||||
Db 1 CCTGTTATCCC 11

RESULT 371
US-10-450-797-642
; Sequence 642, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 642
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-642

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 913 TTTGGTCTTTG 923
||| |||||
Db 1 TTTGGTGTGTTG 11

RESULT 372
US-10-450-797-790/c
; Sequence 790, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 790
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-790

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTTGCTTTTA 930
||| |||||
Db 11 TTTGCTTTTA 1

RESULT 373
US-10-450-797-1046/c
; Sequence 1046, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1046
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-1046

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 906 CATTTCTTTG 916
||| |||||
Db 11 CATTTATTTG 1

RESULT 374
US-10-450-797-1082
; Sequence 1082, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1082
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-1082

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTTGCTTT 921
||| |||||

```
DB      1  TCTTGTCTCTT 11

RESULT 375
US-09-877-478-6127
; Sequence 6127, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrisset, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6127
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6127

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 45.5%; Pred. No. 2e+02;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      917  GTCTTGTCTCTT 927
        |||: |||:
DB      3  GUCUGUGCCUU 13

RESULT 376
US-10-055-732-26
; Sequence 26, Application US/10055732
; Publication No. US20030135040A1
; GENERAL INFORMATION:
; APPLICANT: Garcia, Ramon Guimil
; APPLICANT: Oste, Christian C.
; TITLE OF INVENTION: Compositions and Methods for Synthesis and Use of No. US20030135040A1
; FILE REFERENCE: 03038-0202 42892-265833
; CURRENT APPLICATION NUMBER: US/10/055,732
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/162,627
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: US 09/702,066
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 60/197,559
; PRIOR FILING DATE: 2000-04-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-055-732-26

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      931  TCCCTCTCTCTT 941
        |||: |||:
DB      2  TTCTCTCTCTT 12

RESULT 378
US-10-055-732-28
; Sequence 28, Application US/10055732
; Publication No. US20030135040A1
; GENERAL INFORMATION:
; APPLICANT: Eritja, Ramon
; APPLICANT: Garcia, Ramon Guimil
; APPLICANT: Oste, Christian C.
; TITLE OF INVENTION: Compositions and Methods for Synthesis and Use of No. US20030135040A1
; FILE REFERENCE: 03038-0202 42892-265833
; CURRENT APPLICATION NUMBER: US/10/055,732
; CURRENT FILING DATE: 2002-01-22
```

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; PRIOR APPLICATION NUMBER: US 60/162,627
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: US 09/702,066
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 60/197,559
; PRIOR FILING DATE: 2000-04-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(13)
; OTHER INFORMATION: 2'- O-methyl RNA
US-10-055-732-28

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 45.5%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      931 TCCCTCTCTT 941
Db      2 UUCUCCUCUU 12

RESULT 379
US-10-669-841-2530
; Sequence 2530, Application US/10569841
; Publication No. US2004012746A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MEHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2530
; LENGTH: 13

; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2530

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 45.5%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      917 GTCCTTGCTT 927
Db      3 GUCUGUGCCUU 13

RESULT 380
US-10-700-118-21
; Sequence 21, Application US/10700118
; Publication No. US20040137431A1
; GENERAL INFORMATION:
; APPLICANT: Lopez, Martin J.
; APPLICANT: Britja, Ramon
; APPLICANT: Munzer, Martin
; TITLE OF INVENTION: Target Sequences for the Detection of the West Nile Virus
; FILE REFERENCE: 030570
; CURRENT APPLICATION NUMBER: US/10/700,118
; CURRENT FILING DATE: 2003-11-03
; PRIOR APPLICATION NUMBER: US 60/423508
; PRIOR FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Hairpin Component
US-10-700-118-21

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 45.5%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      931 TCCTCTCTCTT 941
Db      2 UUCUCCUCUU 12

RESULT 381
US-10-700-118-24
; Sequence 24, Application US/10700118
; Publication No. US20040137431A1
; GENERAL INFORMATION:
; APPLICANT: Lopez, Martin J.
; APPLICANT: Britja, Ramon
; APPLICANT: Munzer, Martin
; TITLE OF INVENTION: Target Sequences for the Detection of the West Nile Virus
; FILE REFERENCE: 030570
; CURRENT APPLICATION NUMBER: US/10/700,118
; CURRENT FILING DATE: 2003-11-03
; PRIOR APPLICATION NUMBER: US 60/423508
; PRIOR FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: AR22 synthesis component
US-10-700-118-24

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 931 TCCCTCCTCTT 941
Db 2 TTCCCTCCTCTT 12

RESULT 382
US-09-771-933-169
; Sequence 169, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771.933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 169
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-771-933-169

Query Match 12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 TGCCTTTATC 932
Db 1 TGCCTTGATC 11

RESULT 383
US-10-199-221-59
; Sequence 59, Application US/10199221
; Publication No. US20040014048A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/199,221
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-221-59

Query Match 12.9%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTAATGTA 956
Db 1 TTTTCATTAACAAATGTA 19

RESULT 384
US-10-774-888-59
; Sequence 59, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-774-888-59

Query Match 12.9%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTAATGTA 956
Db 1 TTTTCATTAACAAATGTA 19

RESULT 385
US-09-263-959-510
; Sequence 510, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESS: Seed and Berry LLP
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 510:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-510

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
```


Db 1 TTTTCTTTCTTT 14

RESULT 386

US-09-263-959-619
; Sequence 619, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 619:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-619

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTT 921
|||||
Db 1 TTTTGTTTTGTTTT 14

RESULT 387

US-09-263-959-930
; Sequence 930, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 930:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-930

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTT 921
|||||
Db 1 TTTTGTTTTGTTTT 14

RESULT 388

US-10-146-058-118
; Sequence 118, Application US/10146058
; Publication No. US20030040499A1
; GENERAL INFORMATION:
; APPLICANT: Schlingsensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingsensiepen, Karl-Hermann
; APPLICANT: Schlingsensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,058
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: 08/535,249
; APPLICATION NUMBER:
; FILING DATE:
; PRIOR APPLICATION DATA: EP 93 107 089.0
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)638-6666
 TELEFAX: (202)393-5350
 TELE: RCA 248593 IDEA UR
 INFORMATION FOR SEQ ID NO: 118:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 14 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 ANTI-SENSE: YES
 US-10-146-058-118

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 2.2e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATC 958
 |||||
 Db 1 TGGGTTTCGTGATC 14

RESULT 399
 US-10-376-770-251/c
 ; Sequence 251, Application US/10376770
 ; Publication No. US20040106102A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dhallan, Ravinder S.
 ; TITLE OF INVENTION: RAPID ANALYSIS OF VARIATIONS IN A GENOME
 ; FILE REFERENCE: 543312000320
 ; CURRENT APPLICATION NUMBER: US/10/376,770
 ; PRIOR FILING DATE: 2003-02-28
 ; PRIOR APPLICATION NUMBER: US 10/093,618
 ; PRIOR FILING DATE: 2002-03-11
 ; PRIOR APPLICATION NUMBER: US 60/360,232
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: US 60/378,354
 ; PRIOR FILING DATE: 2002-05-08
 ; NUMBER OF SEQ ID NOS: 262
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 251
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: 4
 ; OTHER INFORMATION: This nucleotide may be absent
 US-10-376-770-251

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 2.2e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
 |||||
 Db 14 TTTTCTTTATTGTT 1

RESULT 390
 US-10-661-165-251/c
 ; Sequence 251, Application US/10661165
 ; Publication No. US20040137470A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dhallan, Ravinder S.
 ; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
 ; DISORDERS
 ; FILE REFERENCE: 543312000420
 ; CURRENT APPLICATION NUMBER: US/10/661,165
 ; CURRENT FILING DATE: 2003-09-11
 ; PRIOR APPLICATION NUMBER: PCT/US03/06198
 ; PRIOR FILING DATE: 2003-02-28
 ; PRIOR APPLICATION NUMBER: US 60/378,354

; PRIOR FILING DATE: 2002-05-08
 ; PRIOR APPLICATION NUMBER: US 10/093,618
 ; PRIOR FILING DATE: 2002-03-11
 ; PRIOR APPLICATION NUMBER: US 60/360,232
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: PCT/US03/27308
 ; PRIOR FILING DATE: 2003-08-29
 ; PRIOR APPLICATION NUMBER: US 10/376,770
 ; PRIOR FILING DATE: 2003-02-28
 ; NUMBER OF SEQ ID NOS: 628
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 251
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: 4
 ; OTHER INFORMATION: This nucleotide may be absent
 US-10-661-165-251

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 2.2e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
 |||||
 Db 14 TTTTCTTTATTGTT 1

RESULT 391
 US-09-818-875-559
 ; Sequence 559, Application US/09818875
 ; Publication No. US20030051270A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Gamber, Howard B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; TITLE OF INVENTION: Stranded Oligonucleotides
 ; FILE REFERENCE: Napro-4
 ; CURRENT APPLICATION NUMBER: US/09/818,875
 ; CURRENT FILING DATE: 2001-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 559
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-818-875-559

Query Match 12.6%; Score 9.2; DB 1; Length 17;
 Best Local Similarity 78.6%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
 |||||
 Db 4 TGTAGCGATACAAA 17

RESULT 392
 US-09-818-875-560/c
 ; Sequence 560, Application US/09818875
 ; Publication No. US20030051270A1
 ; GENERAL INFORMATION:

```
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-560

Query Match      12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      953 TGTATCGCTACCAA 966
Db      14 TGTAGCGATACAAA 1

RESULT 393
US-10-209-787-559
; Sequence 559, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-560

Query Match      12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      953 TGTATCGCTACCAA 966
Db      14 TGTAGCGATACAAA 1

RESULT 394
US-10-209-787-560/c
; Sequence 560, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-560

Query Match      12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      953 TGTATCGCTACCAA 966
Db      14 TGTAGCGATACAAA 1

RESULT 395
US-10-261-185-559
; Sequence 559, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-559

Query Match      12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
```

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
 |||||
 Db 4 TGTAGCGATACAAA 17

RESULT 396
 US-10-261-185-560/c
 ; Sequence 560, Application US/10261185
 ; Publication No. US20040014057A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Gampier, Howard B.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; FILE OF INVENTION: Stranded Oligonucleotides
 ; FILE REFERENCE: Napro-4CON
 ; CURRENT APPLICATION NUMBER: US/10/261,185
 ; CURRENT FILING DATE: 2002-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/09761
 ; PRIOR FILING DATE: 2001-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 560
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-261-185-560

Query Match 12.6%; Score 9.2; DB 1; Length 17;
 Best Local Similarity 78.6%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
 |||||
 Db 14 TGTAGCGATACAAA 1

RESULT 397
 US-10-681-074-559
 ; Sequence 559, Application US/10681074
 ; Publication No. US20040175722A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: VAN BRABANT, ANJA
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
 ; FILE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
 ; FILE REFERENCE: Napro-18 US
 ; CURRENT APPLICATION NUMBER: US/10/681,074
 ; CURRENT FILING DATE: 2003-10-07
 ; PRIOR APPLICATION NUMBER: US 60/453,360
 ; PRIOR FILING DATE: 2003-03-07
 ; PRIOR APPLICATION NUMBER: US 60/416,983
 ; PRIOR FILING DATE: 2002-10-07
 ; NUMBER OF SEQ ID NOS: 4375
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 559
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-681-074-559

Query Match 12.6%; Score 9.2; DB 1; Length 17;
 Best Local Similarity 78.6%; Pred. No. 2.5e+02;

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
 |||||
 Db 4 TGTAGCGATACAAA 17

RESULT 398
 US-10-681-074-560/c
 ; Sequence 560, Application US/10681074
 ; Publication No. US20040175722A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: VAN BRABANT, ANJA
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
 ; FILE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
 ; FILE REFERENCE: Napro-18 US
 ; CURRENT APPLICATION NUMBER: US/10/681,074
 ; CURRENT FILING DATE: 2003-10-07
 ; PRIOR APPLICATION NUMBER: US 60/453,360
 ; PRIOR FILING DATE: 2003-03-07
 ; PRIOR APPLICATION NUMBER: US 60/416,983
 ; PRIOR FILING DATE: 2002-10-07
 ; NUMBER OF SEQ ID NOS: 4375
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 560
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-681-074-560

Query Match 12.6%; Score 9.2; DB 1; Length 17;
 Best Local Similarity 78.6%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
 |||||
 Db 14 TGTAGCGATACAAA 1

RESULT 399
 US-10-001-073-3/c
 ; Sequence 3, Application US/10001073
 ; Publication No. US20030113725A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Liggett, Stephen
 ; APPLICANT: Small, Kirsten
 ; TITLE OF INVENTION: Alpha-2-adrenergic receptor polymorphisms
 ; FILE REFERENCE: 13073-PCT
 ; CURRENT APPLICATION NUMBER: US/10/001,073
 ; CURRENT FILING DATE: 2001-11-01
 ; NUMBER OF SEQ ID NOS: 53
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 3
 ; LENGTH: 9
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-001-073-3

Query Match 12.3%; Score 9; DB 1; Length 9;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTC 942
 |||||
 Db 9 CTCCTCTTC 1

RESULT 400
 US-10-293-222-237/c
 ; Sequence 237, Application US/10293222
 ; Publication No. US2004003932A1
 ; GENERAL INFORMATION:

```
; APPLICANT: Versteeg, Rogier
; APPLICANT: Caron, Hubertus N.
; TITLE OF INVENTION: MYC targets
; FILE REFERENCE: 2183-5580US
; CURRENT APPLICATION NUMBER: US/10/293,222
; CURRENT FILING DATE: 2002-11-12
; PRIOR APPLICATION NUMBER: PCT/NL01/00361
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: EP 00201698.8
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: EP 00202284.6
; PRIOR FILING DATE: 2000-06-29
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 237
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-521/c

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914
DB 10 CATTTCCTT 2

RESULT 401
US-10-033-145-521/c
; Sequence 521, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-521

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTG 916
DB 10 TTTTCTTTG 2

RESULT 402
US-10-033-145-1326/c
; Sequence 1326, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
```

```
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1326
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1326

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGTCTT 920
DB 9 CTTTGTCTT 1

RESULT 403
US-10-033-145-1495
; Sequence 1495, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1495
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1495

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCCTCCTCT 940
DB 2 CCCTCCTCT 10

RESULT 404
US-10-329-465-229/c
; Sequence 229, Application US/10329465
; Publication No. US20030165949A1
; GENERAL INFORMATION:
; APPLICANT: Wang et al.
; TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MLL-
; FILE REFERENCE: 27373/37928A
; CURRENT APPLICATION NUMBER: US/10/329,465
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/343,826
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 229
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-329-465-229

Query Match      12.3%; Score 9; DB 1; Length 10;
```

```
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 899 CCTGGTCA 907
Db 10 CCTGGTCA 2

RESULT 405
US-10-330-627-644/c
; Sequence 644, Application US/10330627
; Publication No. US2003017571A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330.627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 644
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-644

Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTGGTCT 920
Db 9 CTTGGTCT 1

RESULT 406
US-10-091-281-100/c
; Sequence 100, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091.281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative RPOA/DTYPEPA.01 motif
US-10-091-281-100

Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 9 TTTAATGTA 1

RESULT 407
US-10-302-547-35
; Sequence 35, Application US/10302547
; Publication No. US2004014248A1
; GENERAL INFORMATION:
; APPLICANT: MURPHY, BRIAN R.
; APPLICANT: COLLINS, PETER L.
; APPLICANT: SKIADOPOULOS, MARIO H.
; APPLICANT: NEWMAN, JASON T.
; TITLE OF INVENTION: RECOVERY OF RECOMBINANT HUMAN PARAINFLUENZA VIRUS TYPE 1 (HPV1) FROM CDNA AND USE OF RECOMBINANT HPV1 IN IMMUNOGENIC COMPOSITIONS AND AS VECTORS TO ELICIT IMMUNE RESPONSES AGAINST PIV AND OTHER HUMAN PATHOGENS
; FILE REFERENCE: 2303-37-3
; CURRENT APPLICATION NUMBER: US/10/302.547
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: 60/331.961
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 35
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Murine parainfluenza virus 1
US-10-302-547-35

Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 44.4%; Pred. No. 1.9e+02;
Matches 4; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCT 935
Db 2 UUUUACCCU 10

RESULT 408
US-09-249-155-222
; Sequence 222, Application US/09249155
; Publication No. US20030037345A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249.155
; CURRENT FILING DATE: 1999-02-12
; EARLIER APPLICATION NUMBER: 60/074.737
; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 60/097.937
; EARLIER FILING DATE: 1998-08-26
; EARLIER APPLICATION NUMBER: 60/102.051
; EARLIER FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 222
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155-222

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918
Db 1 TTCTTTGGT 9

RESULT 409
US-10-314-322-222
; Sequence 222, Application US/10314322
; Publication No. US2003022991A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
```

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; TITLE OF INVENTION: Healing
; FILE REFERENCE: 000486.00016
; CURRENT APPLICATION NUMBER: US/10/314,322
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: US 09/249,155
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
; US-10-314-322-222

Query Match      12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918
Db 1 TTCTTTGGT 9

RESULT 410
US-10-450-797-337/c
; Sequence 337, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conrad, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 337
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-450-797-337

Query Match      12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTG 916
Db 10 TTTTCTTTG 2

RESULT 411
US-10-450-797-962/c
; Sequence 962, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conrad, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
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; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 962
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-450-797-962

Query Match      12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGTCT 920
Db 9 CTTTGTCT 1

RESULT 412
US-10-682-420-42
; Sequence 42, Application US/10682420
; Publication No. US20040062775A1
; GENERAL INFORMATION:
; APPLICANT: JESTIN, Andre
; APPLICANT: ALBINA, Emanuel
; APPLICANT: Le CANN, Pierre
; APPLICANT: BLANCHARD, Philippe
; APPLICANT: HUTET, Evelyne
; APPLICANT: ARNAULD, Claire
; APPLICANT: TRUONG, Catherine
; APPLICANT: MAHE, Dominique
; APPLICANT: CARIOLET, Roland
; APPLICANT: MADEC, Francois
; TITLE OF INVENTION: CIRCOVIRUS SEQUENCES ASSOCIATED WITH PIGLET WEIGHT LOSS
; FILE REFERENCE: 065691/0176
; CURRENT APPLICATION NUMBER: US/10/682,420
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: US/10/637,011
; PRIOR FILING DATE: 2003-08-08
; PRIOR APPLICATION NUMBER: US/09/514,245B
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: FR 97/15396
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Type A PWD circovirus
; US-10-682-420-42

Query Match      12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCTCTCT 941
Db 4 CCTCTCTCT 12

RESULT 413
US-10-117-108A-28
; Sequence 28, Application US/10117108A
; Publication No. US20030082571A1
; GENERAL INFORMATION:
; APPLICANT: KACHAB, Edward H.
; APPLICANT: BARNETT, Graeme R.
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
```

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; FILE REFERENCE: 37955-0004
; CURRENT APPLICATION NUMBER: US/10/117,108A
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,491
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: The monomer ttgccc may be repeated from 2-20 times
US-10-117-108A-28

Query Match          12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 TTGCGCTTT 928
Db 1 TTGCGCTTT 9

RESULT 414
US-10-001-670-88
; Sequence 88, Application US/10001670
; Publication No. US20030119002A1
; GENERAL INFORMATION:
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Rothberg, Jonathan
; TITLE OF INVENTION: IDENTIFICATION AND COMPARISON OF PROTEIN-PROTEIN
; TITLE OF INVENTION: INTERACTIONS THAT OCCUR IN POPULATIONS AND
; TITLE OF INVENTION: IDENTIFICATION OF INHIBITORS OF THESE INTERACTIONS
; FILE REFERENCE: 7934-087
; CURRENT APPLICATION NUMBER: US/10/001,670
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 09/231,303
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 08/663,824
; PRIOR FILING DATE: 1996-06-14
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 88
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: linker
US-10-001-670-88

Query Match          12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 CCTCTTCAT 944
Db 3 CCTCTTCAT 11

RESULT 415
US-10-409-613-42
; Sequence 42, Application US/10409613
; Publication No. US20040076635A1
; GENERAL INFORMATION:
; APPLICANT: JESTIN, Andre
; APPLICANT: ALSINA, Emanuel
; APPLICANT: Le CANN, Pierre
; APPLICANT: BLANCHARD, Philippe

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; APPLICANT: HUTET, Evelyne
; APPLICANT: ARNAULD, Claire
; APPLICANT: TRUONG, Catherine
; APPLICANT: MAHE, Dominique
; APPLICANT: CARIOLET, Roland
; APPLICANT: MADEC, Francois
; TITLE OF INVENTION: CIRCOVIRUS SEQUENCES ASSOCIATED WITH PIGLET WEIGHT LOSS
; TITLE OF INVENTION: DISEASE (PWD)
; FILE REFERENCE: 065691/0176
; CURRENT APPLICATION NUMBER: US/10/409,613
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US/09/514,245B
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: FR 97/15396
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Type A PWD circovirus
US-10-409-613-42

Query Match          12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCCTCTT 941
Db 4 CCTCCTCTT 12

RESULT 416
US-10-442-180-42
; Sequence 42, Application US/10442180
; Publication No. US20040091502A1
; GENERAL INFORMATION:
; APPLICANT: JESTIN, Andre
; APPLICANT: ALSINA, Emanuel
; APPLICANT: Le CANN, Pierre
; APPLICANT: BLANCHARD, Philippe
; APPLICANT: HUTET, Evelyne
; APPLICANT: ARNAULD, Claire
; APPLICANT: TRUONG, Catherine
; APPLICANT: MAHE, Dominique
; APPLICANT: CARIOLET, Roland
; APPLICANT: MADEC, Francois
; TITLE OF INVENTION: CIRCOVIRUS SEQUENCES ASSOCIATED WITH PIGLET WEIGHT LOSS
; TITLE OF INVENTION: DISEASE (PWD)
; FILE REFERENCE: 065691/0176
; CURRENT APPLICATION NUMBER: US/10/442,180
; CURRENT FILING DATE: 2003-05-21
; PRIOR APPLICATION NUMBER: US/09/514,245
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: FR 97/15396
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Type A PWD circovirus
US-10-442-180-42

Query Match          12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCCTCTT 941
Db 4 CCTCCTCTT 12

```


RESULT 417

US-10-661-165-374
; Sequence 374, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhalla, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; DISORDERS
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-661-165-374

Query Match 12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
Db 1 TTAATGTAT 9

RESULT 418

US-09-823-887C-27
; Sequence 27, Application US/09823887C
; Publication No. US20030180723A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sanjay
; APPLICANT: Lal, Lakhvir
; APPLICANT: Ahuja, Paramvir
; TITLE OF INVENTION: Cloning of No. US20030180723A1 Gene Sequences Expressed and Rep
; Dormancy in the Apical Buds of Tea (Camellia Sinensis L. (O.) Ku
; FILE REFERENCE: H053916.0001US0
; CURRENT APPLICATION NUMBER: US/09/823,887C
; CURRENT FILING DATE: 2002-04-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer_bind
US-09-823-887C-27

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918
Db 5 TTCTTTGGT 13

RESULT 419

US-10-106-799-23
; Sequence 23, Application US/10106799
; Publication No. US20030140379A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: No. US20030140379A1el DNA sequence in plants Caragana jubata with
; FILE REFERENCE: US 673
; CURRENT APPLICATION NUMBER: US/10/106,799
; CURRENT FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: AP68 arbitrary primer for differential display
US-10-106-799-23

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918
Db 5 TTCTTTGGT 13

RESULT 420

US-10-115-077-15
; Sequence 15, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-15

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
Db 1 TCCTCTTCA 9

RESULT 421

US-10-115-077-44
; Sequence 44, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-115-077-44

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
|||||
Db 1 TCCTCTTCA 9

RESULT 422

US-10-115-077-60
; Sequence 60, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 60
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-115-077-60

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
|||||
Db 1 TCCTCTTCA 9

US-10-115-077-60

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
|||||
Db 1 TCCTCTTCA 9

RESULT 423

US-10-109-363-25
; Sequence 25, Application US/10109363
; Publication No. US20030196214A1
; GENERAL INFORMATION:
; APPLICANT: SHARMA, PRITI
; APPLICANT: KUMAR, SANJAY
; APPLICANT: AHUJA, PARAMVIR SINGH
; TITLE OF INVENTION: NOVEL GENES FROM DROUGHT STRESS TOLERANT TEA PLANT AND A
; FILE REFERENCE: 3097-4009
; CURRENT APPLICATION NUMBER: US/10/109,363
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Camellia sinensis
US-10-109-363-25

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918
|||||
Db 5 TTCTTTGGT 13

RESULT 424

US-09-263-959-482
; Sequence 482, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900

```
; TELPAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 482:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-482

Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCTCTTTCAT 944
Db 1 CCTCTCTTCTCT 12

RESULT 425
US-10-461-790-131/c
; Sequence 131, Application US/10461790
; Publication No. US2004002911A1
; GENERAL INFORMATION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Kolk, Daniel P.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadashi
; APPLICANT: Ho-Sing-loy, Marcy
; APPLICANT: Stringfellow, Leslie A.
; TITLE OF INVENTION: Compositions and Methods for Detecting
; TITLE OF INVENTION: Hepatitis B Virus
; FILE REFERENCE: GPI34-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 131
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
; NAME/KEY: misc_feature
; FEATURE:
; LOCATION: (1)...(12)
; OTHER INFORMATION: 2'-OME nucleotide analogs
US-10-461-790-131

Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCTCTTTCAT 944
Db 12 CCTCACTTCTCT 1

RESULT 426
US-10-216-540-17
; Sequence 17, Application US/10216540
; Publication No. US20030051261A1
; GENERAL INFORMATION:
; APPLICANT: Vanderhaeghen, Rudy
; APPLICANT: Van Lijsebettens, Maria
; TITLE OF INVENTION: Plant Internal Ribosome Entry Segment
; FILE REFERENCE: 2676US
; CURRENT APPLICATION NUMBER: US/10/216,540
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: PCT/EP01/01026
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: EP 00200442.2
; PRIOR FILING DATE: 2000-02-10

; TELPAX: (206) 682-6031
; INFORMATION FOR SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer oligo #2
US-10-216-540-17

Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 41.7%; Pred. No. 2.3e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTCT 940
Db 1 UCUCUUCUUCU 12

RESULT 427
US-10-117-108A-20/c
; Sequence 20, Application US/10117108A
; Publication No. US20030082571A1
; GENERAL INFORMATION:
; APPLICANT: KACHAE, Edward H.
; APPLICANT: BARNETT, Graeme R.
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
; FILE REFERENCE: 37955-0004
; CURRENT APPLICATION NUMBER: US/10/117,108A
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,491
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)...(6)
; OTHER INFORMATION: The monomer aaagcc may be repeated from 2-20 times
US-10-117-108A-20

Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 917 GTCTTTGGCTTT 928
Db 12 GGCTTTGGCTTT 1

RESULT 428
US-10-244-142A-7/c
; Sequence 7, Application US/10244142A
; Publication No. US20030199516A1
; GENERAL INFORMATION:
; APPLICANT: Moser, Heinz E.
; APPLICANT: Baird, Eldon E.
; APPLICANT: Buerli, Roland W.
; APPLICANT: Ge, Yigong
; APPLICANT: White, Sarah
; APPLICANT: Genesoft, Inc.
; TITLE OF INVENTION: Methods of Treating Infection by Drug Resistant
; FILE REFERENCE: 020891-00910US
; CURRENT APPLICATION NUMBER: US/10/244,142A
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 60/322,704
; PRIOR FILING DATE: 2001-09-13
```

```

; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:target sequence
; OTHER INFORMATION: in EcoRI/PvuII restriction fragment of Plasmid A
US-10-244-142A-7

```

```

Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 918 TCTTTGCGCTTTT 929
Db 12 TTTTGGCTTTT 1

```

RESULT 429

```

US-10-661-165-405
; Sequence 405, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; DISORDERS
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 405
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-661-165-405

```

```

Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 940 TTCATTGGTTTA 951
Db 1 TTTATTGGTTAA 12

```

```

RESULT 430
US-09-934-604-4
; Sequence 4, Application US/09934604
; Patent No. US20020106665A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: A METHOD FOR ANALYSING A POLYNUCLEOTIDE CONTAINING A
; VARIABLE SEQUENCE AND A SET OR ARRAY OF
; OLIGONUCLEOTIDES THEREFOR (AS AMENDED)
; FILE REFERENCE: 97-1173/wmc/263
; CURRENT APPLICATION NUMBER: US/09/934,604

```

```

; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: US/09/502,778
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism:synthetic - other
US-09-934-604-4

```

```

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 925 CTTTATCCCTC 936
Db 1 CTTATTTCCCTC 12

```

RESULT 431

```

US-09-877-478-5976
; Sequence 5976, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/982,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5976
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-5976

```

```

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 41.7%; Pred. No. 2.4e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 931 TCCCTCTCTTC 942
Db 1 UGCCUACUUC 12

```

```

RESULT 432
US-09-877-478-6115
; Sequence 6115, Application US/09877478

```

Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MHB00-845-H (400/029)
CURRENT APPLICATION NUMBER: US 09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6115
LENGTH: 13
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-6115

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 4; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTT 949
: : : : :
Db 1 UGUUCAGUGGUU 12

RESULT 433
US-10-342-902-5976
Sequence 5976, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MHB00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6115
LENGTH: 13
TYPE: RNA
ORGANISM: Hepatitis B virus
US-10-342-902-6115

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 4; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTT 949
: : : : :
Db 1 UGUUCAGUGGUU 12

RESULT 433
US-10-342-902-5976
Sequence 5976, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MHB00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592

SOFTWARE: PatentIn version 3.2
SEQ ID NO 5976
LENGTH: 13
TYPE: RNA
ORGANISM: Hepatitis B virus
US-10-342-902-5976

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 41.7%; Pred. No. 2.4e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 931 TCCCTCCTCTTC 942
: : : : :
Db 1 UGCCUCAUCUUC 12

RESULT 434
US-10-342-902-6115
Sequence 6115, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MHB00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6115
LENGTH: 13
TYPE: RNA
ORGANISM: Hepatitis B virus
US-10-342-902-6115

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 4; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTT 949
: : : : :
Db 1 UGUUCAGUGGUU 12

RESULT 435
US-10-123-170-1
Sequence 1, Application US/10123170
Publication No. US20030008277A1
GENERAL INFORMATION:
APPLICANT: ESCRIOU, NICOLAS
APPLICANT: VAN DER WERF, SYLVIE
APPLICANT: VIEIRA-MACHADO, ALEXANDRE
APPLICANT: NAFFARH, NADIA
TITLE OF INVENTION: RECOMBINANT SEGMENTED NEGATIVE STRAND VIRUS CONTAINING BICISTRONIC
TITLE OF INVENTION: SEGMENT WITH A DUPLICATION OF ITS 3' NONCODING FLANKING SEQUENCE
TITLE OF INVENTION: AND THERAPEUTIC COMPOSITIONS CONTAINING THE SAME

```
; FILE REFERENCE: 221283USO
; CURRENT APPLICATION NUMBER: US/10/123,170
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/283,957
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: restriction enzyme cleavage sequence
US-10-123-170-1

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      910 TTCTTTGGCTCTT 921
        |||||
Db       1 TTATTAGGCTTT 12

RESULT 436
US-10-104-025-8/c
; Sequence 8, Application US/10104025
; Publication No. US20030165876A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PHARMA SA
; APPLICANT: BLANCHE, Francis
; APPLICANT: CAMERON, Beatrice
; TITLE OF INVENTION: PROCESSES FOR PURIFYING AND FOR DETECTING TARGET DOUBLE-STRANDED
; TITLE OF INVENTION: SEQUENCES BY TRIPLE HELIX INTERACTION
; FILE REFERENCE: 03806.0546
; CURRENT APPLICATION NUMBER: US/10/104,025
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US 60/285,272
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: FR 0103953
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-104-025-8

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      931 TCCCTCCCTCTTC 942
        |||||
Db       12 TTCTTCCTCTTC 1

RESULT 437
US-10-244-142A-8/c
; Sequence 8, Application US/10244142A
; Publication No. US20030199516A1
; GENERAL INFORMATION:
; APPLICANT: Moser, Heinz E.
; APPLICANT: Baird, Eldon E.
; APPLICANT: Buerli, Roland W.
; APPLICANT: Ge, Yigong
; APPLICANT: White, Sarah
; APPLICANT: Geresoft, Inc.
; TITLE OF INVENTION: Methods of Treating Infection by Drug Resistant
; TITLE OF INVENTION: Bacteria
; FILE REFERENCE: 020891-00910US
; CURRENT APPLICATION NUMBER: US/10/244,142A
```

```
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 60/322,704
; PRIOR FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:target sequence
; OTHER INFORMATION: in EcoRI/PvuII restriction fragment of Plasmid A
US-10-244-142A-8

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      918 TCTTTGCCCTTTT 929
        |||||
Db       13 TTTTGTGCTTTT 2

RESULT 438
US-10-148-521-19/c
; Sequence 19, Application US/10148521
; Publication No. US20030221203A1
; GENERAL INFORMATION:
; APPLICANT: University of Pittsburgh
; APPLICANT: Lotze, Michael T.
; APPLICANT: Agha-Mohammadi, Siamak T.
; TITLE OF INVENTION: High Efficiency Regulatable Gene Expression System
; FILE REFERENCE: 00791PCT
; CURRENT APPLICATION NUMBER: US/10/148,521
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/237,633
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: SGG linker-2 forward oligonucleotide
US-10-148-521-19

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 ATCCCTCCTCTTT 941
        |||||
Db       13 ATCCCGCCACTT 2

RESULT 439
US-10-271-602B-130/c
; Sequence 130, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMap-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
```

; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Human
US-10-271-602B-130

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 913 TTGGTCTTCC 924
Db 13 TTGGTCTTCC 2

RESULT 440
US-10-664-422-400
; Sequence 400, Application US/10664422
; Publication No. US20040096885A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G04D:023USD3
; CURRENT APPLICATION NUMBER: US/10/664,422
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 400
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-664-422-400

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 945 TGGTTTAAATGTA 956
Db 1 TGGTATAGGTA 12

RESULT 441
US-10-664-422-403
; Sequence 403, Application US/10664422
; Publication No. US20040096885A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G04D:023USD3
; CURRENT APPLICATION NUMBER: US/10/664,422
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623

; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 403
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-664-422-403

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 945 TGGTTTAAATGTA 956
Db 1 TGGTATAGGTA 12

RESULT 442
US-10-664-423-400
; Sequence 400, Application US/10664423
; Publication No. US20040096886A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G04D:023USD2
; CURRENT APPLICATION NUMBER: US/10/664,423
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 400
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-664-423-400

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 945 TGGTTTAAATGTA 956
Db 1 TGGTATAGGTA 12

RESULT 443
US-10-664-423-403
; Sequence 403, Application US/10664423
; Publication No. US20040096886A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G04D:023USD2
; CURRENT APPLICATION NUMBER: US/10/664,423
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 403
; LENGTH: 13

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OM nucleic - nucleic search, using sw model

Run on: October 18, 2004, 14:23:01 ; Search time 0.001 Seconds
(without alignments)
1704.112 Million cell updates/sec

Title: US-09-695-451-1
Perfect score: 73
Sequence: 1 cctgggtcattttcttgggt.....atgtatcgtaccacaggtg 73

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 0.5

Searched: 827 seqs, 11672 residues

Total number of hits satisfying chosen parameters: 1654

Minimum DB seq length: 8
Maximum DB seq length: 30

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 829 summaries

Database : rge1-899.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	ID	Description
C 1	18	24.7	18	1 AR096383
C 2	18	24.7	18	1 AR096384
C 3	18	24.7	18	1 AR096385
C 4	18	24.7	18	1 AR096386
C 5	18	24.7	18	1 AR096387
C 6	18	24.7	18	1 AR096388
C 7	18	24.7	18	1 BD217431
C 8	18	24.7	18	1 BD217432
C 9	18	24.7	18	1 BD217433
C 10	18	24.7	18	1 BD217434
C 11	18	24.7	18	1 BD217435
C 12	18	24.7	18	1 BD217436
C 13	17.6	24.1	24	1 AX306718
C 14	17	23.3	25	1 AX486882
C 15	15.4	21.1	17	1 AR191769
C 16	15.4	21.1	17	1 AR325664
C 17	15.4	21.1	20	1 AX076068
C 18	15.2	20.8	23	1 AX641907
C 19	15.2	20.8	23	1 AX707929
C 20	15	20.5	20	1 A66968
C 21	15	20.5	20	1 AX103472
C 22	15	20.5	20	1 AX103472
C 23	15	20.5	20	1 AX155625
C 24	14.6	20.0	21	1 AR082097
C 25	14.6	20.0	21	1 AR082097
C 26	14.6	20.0	21	1 AR308294
C 27	14.6	20.0	21	1 AR308298
C 28	14.6	20.0	21	1 AR308973
C 29	14.6	20.0	21	1 AR317104
C 30	14.6	20.0	21	1 AX029051
C 31	14.6	20.0	21	1 AX029051
C 32	14.6	20.0	21	1 AX555488
C 33	14.6	20.0	21	1 BD009336

C 34	14.6	20.0	21	1 BD009340
C 35	14.6	20.0	21	1 BD095897
C 36	14.4	19.7	17	1 AX736729
C 37	14.4	19.7	20	1 AR093039
C 38	14.4	19.7	20	1 AR359541
C 39	14.4	19.7	20	1 AX151166
C 40	14.2	19.5	19	1 AX202051
C 41	14.2	19.5	20	1 E15988
C 42	14.2	19.5	20	1 E15990
C 43	14.2	19.5	21	1 AX298975
C 44	14.2	19.5	21	1 AX921300
C 45	13.8	18.9	20	1 AX076067
C 46	13.8	18.9	20	1 AX802031
C 47	13.6	18.6	20	1 AR162764
C 48	13.6	18.6	20	1 AR237433
C 49	13.6	18.6	20	1 AR237439
C 50	13.6	18.6	20	1 AR314066
C 51	13.6	18.6	20	1 BD088547
C 52	13.6	18.6	20	1 AB069480
C 53	13.4	18.4	17	1 AX263168
C 54	13.4	18.4	17	1 AX263169
C 55	13.4	18.4	19	1 AX643452
C 56	13.4	18.4	19	1 AX643455
C 57	13.4	18.4	20	1 AR243627
C 58	13.2	18.1	18	1 AR235530
C 59	13.2	18.1	19	1 AR065137
C 60	13.2	18.1	20	1 AR312179
C 61	13.2	18.1	20	1 BD069127
C 62	13	17.8	17	1 AX759942
C 63	13	17.8	19	1 AX643451
C 64	13	17.8	19	1 AX643454
C 65	13	17.8	19	1 AX815830
C 66	12.8	17.5	17	1 AX503034
C 67	12.8	17.5	17	1 AX503035
C 68	12.8	17.5	17	1 AX732082
C 69	12.8	17.5	17	1 AX734554
C 70	12.8	17.5	17	1 AX760907
C 71	12.8	17.5	18	1 AR076322
C 72	12.8	17.5	18	1 BD234554
C 73	12.8	17.5	18	1 BD250632
C 74	12.8	17.5	18	1 I88015
C 75	12.8	17.5	18	1 AR372109
C 76	12.8	17.5	19	1 AR298560
C 77	12.4	17.0	17	1 AX503036
C 78	12.4	17.0	17	1 AX503037
C 79	12.4	17.0	17	1 AX726856
C 80	12.4	17.0	17	1 AX730388
C 81	12.4	17.0	17	1 AX735312
C 82	12.4	17.0	17	1 AX736279
C 83	12.4	17.0	17	1 AX736844
C 84	12.4	17.0	17	1 AX757324
C 85	12.4	17.0	17	1 AX757655
C 86	12.4	17.0	17	1 AX759370
C 87	12.4	17.0	17	1 AX761350
C 88	12.4	17.0	18	1 AR177812
C 89	12.4	17.0	18	1 I57031
C 90	12.4	17.0	19	1 AR295515
C 91	12.4	17.0	19	1 AX317198
C 92	12.2	16.7	17	1 AR045272
C 93	12.2	16.7	17	1 BD241313
C 94	12.2	16.7	17	1 I52324
C 95	12.2	16.7	17	1 AR328230
C 96	12.2	16.7	17	1 AX578952
C 97	12.2	16.7	17	1 AX648647
C 98	12.2	16.7	17	1 AX648650
C 99	12.2	16.7	17	1 AX734206
C 100	12.2	16.7	17	1 AX760901
C 101	12.2	16.7	17	1 AX784020
C 102	12.2	16.7	17	1 BD199177
C 103	12.2	16.7	18	1 A97831
C 104	12.2	16.7	18	1 AR063241
C 105	12.2	16.7	18	1 AR254824
C 106	12.2	16.7	18	1 AR266277

c 107	12.2	16.7	18	1	AR294187	ACCESSION:AR294187	180	11.4	15.6	17	1	AX733691	ACCESSION:AX733691
c 108	12.2	16.7	18	1	AR295441	ACCESSION:AR295441	181	11.4	15.6	17	1	AX735593	ACCESSION:AX735593
c 109	12.2	16.7	18	1	AR363596	ACCESSION:AR363596	c 182	11.4	15.6	17	1	AX737863	ACCESSION:AX737863
c 110	12.2	16.7	18	1	AX133014	ACCESSION:AX133014	c 183	11.4	15.6	17	1	AX738777	ACCESSION:AX738777
c 111	12.2	16.7	18	1	AX133015	ACCESSION:AX133015	c 184	11.4	15.6	17	1	AX739420	ACCESSION:AX739420
c 112	12.2	16.7	18	1	AX133017	ACCESSION:AX133017	c 185	11.4	15.6	17	1	AX759010	ACCESSION:AX759010
c 113	12.2	16.7	18	1	AX428709	ACCESSION:AX428709	c 186	11.4	15.6	17	1	AX761110	ACCESSION:AX761110
c 114	12.2	16.7	18	1	AX659420	ACCESSION:AX659420	c 187	11.4	15.6	17	1	AX761473	ACCESSION:AX761473
c 115	12.2	16.7	18	1	AX708314	ACCESSION:AX708314	c 188	11.4	15.6	17	1	AX762413	ACCESSION:AX762413
c 116	12.2	16.7	18	1	BD235036	ACCESSION:BD235036	c 189	11.4	15.6	17	1	AX782441	ACCESSION:AX782441
c 117	12.2	16.4	15	1	AR192962	ACCESSION:AR192962	c 190	11.4	15.6	17	1	AX782442	ACCESSION:AX782442
c 118	12.2	16.4	15	1	AR326704	ACCESSION:AR326704	c 191	11.4	15.6	17	1	BD199174	ACCESSION:BD199174
c 119	12.2	16.4	15	1	AR326704	ACCESSION:AR326704	c 192	11.4	15.6	17	1	BD199175	ACCESSION:BD199175
c 120	12.2	16.4	15	1	AX009107	ACCESSION:AX009107	c 193	11.4	15.6	17	1	BD199176	ACCESSION:BD199176
c 121	12.2	16.4	15	1	AR328268	ACCESSION:AR328268	c 194	11.4	15.6	17	1	BD200682	ACCESSION:BD200682
c 122	12.2	16.4	17	1	AR186011	ACCESSION:AR186011	c 195	11.4	15.6	17	1	BD200683	ACCESSION:BD200683
c 123	12.2	16.4	17	1	AR186012	ACCESSION:AR186012	c 196	11.4	15.6	17	1	BD200684	ACCESSION:BD200684
c 124	12.2	16.4	17	1	AR186013	ACCESSION:AR186013	c 197	11.2	15.3	16	1	AR261704	ACCESSION:AR261704
c 125	12.2	16.4	17	1	AR322643	ACCESSION:AR322643	c 198	11.2	15.3	16	1	AR325917	ACCESSION:AR325917
c 126	12.2	16.4	17	1	AR322644	ACCESSION:AR322644	c 199	11.2	15.3	17	1	AR045573	ACCESSION:AR045573
c 127	12.2	16.4	17	1	AR326842	ACCESSION:AR326842	c 200	11.2	15.3	17	1	AR046219	ACCESSION:AR046219
c 128	12.2	16.4	17	1	AR326842	ACCESSION:AR326842	c 201	11.2	15.3	17	1	AR110567	ACCESSION:AR110567
c 129	12.2	16.4	17	1	AR080716	ACCESSION:AR080716	c 202	11.2	15.3	17	1	AR151787	ACCESSION:AR151787
c 130	12.2	16.4	18	1	AR162699	ACCESSION:AR162699	c 203	11.2	15.3	17	1	AR153518	ACCESSION:AR153518
c 131	12.2	16.4	18	1	BD227759	ACCESSION:BD227759	c 204	11.2	15.3	17	1	BD241648	ACCESSION:BD241648
c 132	11.8	16.2	15	1	AR81775	ACCESSION:AR81775	c 205	11.2	15.3	17	1	BD256443	ACCESSION:BD256443
c 133	11.8	16.2	15	1	AR90142	ACCESSION:AR90142	c 206	11.2	15.3	17	1	BD256891	ACCESSION:BD256891
c 134	11.8	16.2	15	1	BD065688	ACCESSION:BD065688	c 207	11.2	15.3	17	1	E04162	ACCESSION:E04162
c 135	11.8	16.2	15	1	AR36044	ACCESSION:AR36044	c 208	11.2	15.3	17	1	E04429	ACCESSION:E04429
c 136	11.8	16.2	15	1	AR70341	ACCESSION:AR70341	c 209	11.2	15.3	17	1	I36962	ACCESSION:I36962
c 137	11.8	16.2	17	1	AR117158	ACCESSION:AR117158	c 210	11.2	15.3	17	1	I32625	ACCESSION:I32625
c 138	11.8	16.2	17	1	BD244486	ACCESSION:BD244486	c 211	11.2	15.3	17	1	I32711	ACCESSION:I32711
c 139	11.8	16.2	17	1	BD259598	ACCESSION:BD259598	c 212	11.2	15.3	17	1	AR186086	ACCESSION:AR186086
c 140	11.8	16.2	17	1	AR186386	ACCESSION:AR186386	c 213	11.2	15.3	17	1	AR187386	ACCESSION:AR187386
c 141	11.8	16.2	17	1	AR323017	ACCESSION:AR323017	c 214	11.2	15.3	17	1	AR268079	ACCESSION:AR268079
c 142	11.8	16.2	17	1	AX217394	ACCESSION:AX217394	c 215	11.2	15.3	17	1	AR220600	ACCESSION:AR220600
c 143	11.8	16.2	17	1	AX217395	ACCESSION:AX217395	c 216	11.2	15.3	17	1	AR322717	ACCESSION:AR322717
c 144	11.8	16.2	17	1	AX217974	ACCESSION:AX217974	c 217	11.2	15.3	17	1	AR323996	ACCESSION:AR323996
c 145	11.8	16.2	17	1	AX503033	ACCESSION:AX503033	c 218	11.2	15.3	17	1	AR327747	ACCESSION:AR327747
c 146	11.8	16.2	17	1	AX782443	ACCESSION:AX782443	c 219	11.2	15.3	17	1	AR434198	ACCESSION:AR434198
c 147	11.8	16.2	17	1	AX782444	ACCESSION:AX782444	c 220	11.2	15.3	17	1	AR434199	ACCESSION:AR434199
c 148	11.8	16.2	17	1	AX782445	ACCESSION:AX782445	c 221	11.2	15.3	17	1	AX217532	ACCESSION:AX217532
c 149	11.8	16.2	17	1	BD201345	ACCESSION:BD201345	c 222	11.2	15.3	17	1	AX217533	ACCESSION:AX217533
c 150	11.8	16.2	17	1	BD201347	ACCESSION:BD201347	c 223	11.2	15.3	17	1	AX218095	ACCESSION:AX218095
c 151	11.8	16.2	18	1	AR106911	ACCESSION:AR106911	c 224	11.2	15.3	17	1	AX221190	ACCESSION:AX221190
c 152	11.8	16.2	18	1	AR156048	ACCESSION:AR156048	c 225	11.2	15.3	17	1	AX325153	ACCESSION:AX325153
c 153	11.8	16.2	18	1	AR211241	ACCESSION:AR211241	c 226	11.2	15.3	17	1	AX325154	ACCESSION:AX325154
c 154	11.8	16.2	18	1	AR294885	ACCESSION:AR294885	c 227	11.2	15.3	17	1	AX422665	ACCESSION:AX422665
c 155	11.8	16.2	18	1	AX060752	ACCESSION:AX060752	c 228	11.2	15.3	17	1	AX422924	ACCESSION:AX422924
c 156	11.8	16.2	18	1	AX060931	ACCESSION:AX060931	c 229	11.2	15.3	17	1	AX423326	ACCESSION:AX423326
c 157	11.8	16.2	18	1	AX593979	ACCESSION:AX593979	c 230	11.2	15.3	17	1	AX502775	ACCESSION:AX502775
c 158	11.8	16.2	18	1	AX593980	ACCESSION:AX593980	c 231	11.2	15.3	17	1	AX502776	ACCESSION:AX502776
c 159	11.8	16.2	18	1	AX767769	ACCESSION:AX767769	c 232	11.2	15.3	17	1	AX545015	ACCESSION:AX545015
c 160	11.8	16.2	18	1	AX767770	ACCESSION:AX767770	c 233	11.2	15.3	17	1	AX545016	ACCESSION:AX545016
c 161	11.8	16.2	18	1	AX796241	ACCESSION:AX796241	c 234	11.2	15.3	17	1	AX578382	ACCESSION:AX578382
c 162	11.8	16.2	18	1	AX796242	ACCESSION:AX796242	c 235	11.2	15.3	17	1	AX578816	ACCESSION:AX578816
c 163	11.8	16.2	18	1	BD25019	ACCESSION:BD25019	c 236	11.2	15.3	17	1	AX578951	ACCESSION:AX578951
c 164	11.8	16.2	18	1	HSRETP011	ACCESSION:HSRETP011	c 237	11.2	15.3	17	1	AX578951	ACCESSION:AX578951
c 165	11.6	15.9	17	1	AX724242	ACCESSION:AX724242	c 238	11.2	15.3	17	1	AX648646	ACCESSION:AX648646
c 166	11.4	15.6	15	1	AR135855	ACCESSION:AR135855	c 239	11.2	15.3	17	1	AX648649	ACCESSION:AX648649
c 167	11.4	15.6	15	1	E32328	ACCESSION:E32328	c 240	11.2	15.3	17	1	AX648651	ACCESSION:AX648651
c 168	11.4	15.6	15	1	I35109	ACCESSION:I35109	c 241	11.2	15.3	17	1	AX648772	ACCESSION:AX648772
c 169	11.4	15.6	15	1	I35110	ACCESSION:I35110	c 242	11.2	15.3	17	1	AX648773	ACCESSION:AX648773
c 170	11.4	15.6	15	1	AX217393	ACCESSION:AX217393	c 243	11.2	15.3	17	1	AX648906	ACCESSION:AX648906
c 171	11.4	15.6	17	1	AX324445	ACCESSION:AX324445	c 244	11.2	15.3	17	1	AX648907	ACCESSION:AX648907
c 172	11.4	15.6	17	1	AX324446	ACCESSION:AX324446	c 245	11.2	15.3	17	1	AX672849	ACCESSION:AX672849
c 173	11.4	15.6	17	1	AX503038	ACCESSION:AX503038	c 246	11.2	15.3	17	1	AX673129	ACCESSION:AX673129
c 174	11.4	15.6	17	1	AX673119	ACCESSION:AX673119	c 247	11.2	15.3	17	1	AX673152	ACCESSION:AX673152
c 175	11.4	15.6	17	1	AX673373	ACCESSION:AX673373	c 248	11.2	15.3	17	1	AX674770	ACCESSION:AX674770
c 176	11.4	15.6	17	1	AX674687	ACCESSION:AX674687	c 249	11.2	15.3	17	1	AX688215	ACCESSION:AX688215
c 177	11.4	15.6	17	1	AX724485	ACCESSION:AX724485	c 250	11.2	15.3	17	1	AX688216	ACCESSION:AX688216
c 178	11.4	15.6	17	1	AX731485	ACCESSION:AX731485	c 251	11.2	15.3	17	1	AX688217	ACCESSION:AX688217
c 179	11.4	15.6	17	1			c 252	11.2	15.3	17	1	AX688218	ACCESSION:AX688218

C 253	11.2	15.3	17	1	AX688505	ACCESSION:AX688505	326	10.4	14.2	15	1	AR192970	ACCESSION:AR192970
C 254	11.2	15.3	17	1	AX688506	ACCESSION:AX688506	327	10.4	14.2	15	1	AR326712	ACCESSION:AR326712
C 255	11.2	15.3	17	1	AX690458	ACCESSION:AX690458	328	10.4	14.2	15	1	AX635683	ACCESSION:AX635683
C 256	11.2	15.3	17	1	AX690459	ACCESSION:AX690459	329	10.4	14.2	15	1	AX635685	ACCESSION:AX635685
C 257	11.2	15.3	17	1	AX723602	ACCESSION:AX723602	330	10.4	14.2	15	1	BD208754	ACCESSION:BD208754
C 258	11.2	15.3	17	1	AX728481	ACCESSION:AX728481	331	10.4	14.2	15	1	AJ595319	ACCESSION:AJ595319
C 259	11.2	15.3	17	1	AX728840	ACCESSION:AX728840	C 332	10.4	14.2	16	1	A45224	ACCESSION:A45224
C 260	11.2	15.3	17	1	AX729887	ACCESSION:AX729887	C 333	10.4	14.2	16	1	A89885	ACCESSION:A89885
C 261	11.2	15.3	17	1	AX730376	ACCESSION:AX730376	C 334	10.4	14.2	16	1	A89573	ACCESSION:A89573
C 262	11.2	15.3	17	1	AX730994	ACCESSION:AX730994	C 335	10.4	14.2	16	1	AR029978	ACCESSION:AR029978
C 263	11.2	15.3	17	1	AX731599	ACCESSION:AX731599	C 336	10.4	14.2	16	1	AR142913	ACCESSION:AR142913
C 264	11.2	15.3	17	1	AX732301	ACCESSION:AX732301	C 337	10.4	14.2	16	1	E51108	ACCESSION:E51108
C 265	11.2	15.3	17	1	AX732400	ACCESSION:AX732400	C 338	10.4	14.2	16	1	AR202867	ACCESSION:AR202867
C 266	11.2	15.3	17	1	AX732454	ACCESSION:AX732454	C 339	10.4	14.2	16	1	AR213623	ACCESSION:AR213623
C 267	11.2	15.3	17	1	AX733923	ACCESSION:AX733923	C 340	10.4	14.2	16	1	AR364513	ACCESSION:AR364513
C 268	11.2	15.3	17	1	AX734209	ACCESSION:AX734209	C 341	10.4	14.2	16	1	AX268349	ACCESSION:AX268349
C 269	11.2	15.3	17	1	AX736083	ACCESSION:AX736083	C 342	10.4	14.2	16	1	BD057681	ACCESSION:BD057681
C 270	11.2	15.3	17	1	AX737406	ACCESSION:AX737406	C 343	10.4	14.2	16	1	BD066498	ACCESSION:BD066498
C 271	11.2	15.3	17	1	AX737441	ACCESSION:AX737441	C 344	10.4	14.2	16	1	BD067086	ACCESSION:BD067086
C 272	11.2	15.3	17	1	AX738678	ACCESSION:AX738678	C 345	10.4	14.2	16	1	BD081511	ACCESSION:BD081511
C 273	11.2	15.3	17	1	AX757880	ACCESSION:AX757880	C 346	10.2	14.0	15	1	A59571	ACCESSION:A59571
C 274	11.2	15.3	17	1	AX759249	ACCESSION:AX759249	C 347	10.2	14.0	15	1	AR029856	ACCESSION:AR029856
C 275	11.2	15.3	17	1	AX762054	ACCESSION:AX762054	C 348	10.2	14.0	15	1	AR041246	ACCESSION:AR041246
C 276	11.2	15.3	17	1	AX784017	ACCESSION:AX784017	C 349	10.2	14.0	15	1	AR131847	ACCESSION:AR131847
C 277	11.2	15.3	17	1	AX784018	ACCESSION:AX784018	C 350	10.2	14.0	15	1	BD272134	ACCESSION:BD272134
C 278	11.2	15.3	17	1	AX784019	ACCESSION:AX784019	C 351	10.2	14.0	15	1	I77340	ACCESSION:I77340
C 279	11.2	15.3	17	1	AX784021	ACCESSION:AX784021	C 352	10.2	14.0	15	1	I77346	ACCESSION:I77346
C 280	11.2	15.3	17	1	BD198759	ACCESSION:BD198759	C 353	10.2	14.0	15	1	AR211045	ACCESSION:AR211045
C 281	11.2	15.3	17	1	BD200959	ACCESSION:BD200959	C 354	10.2	14.0	15	1	AR211047	ACCESSION:AR211047
C 282	11	15.1	12	1	BD248253	ACCESSION:BD248253	C 355	10.2	14.0	15	1	AR241966	ACCESSION:AR241966
C 283	11	15.1	16	1	A39062	ACCESSION:A39062	C 356	10.2	14.0	15	1	AR371345	ACCESSION:AR371345
C 284	11	15.1	16	1	AR063396	ACCESSION:AR063396	C 357	10.2	14.0	15	1	AX357289	ACCESSION:AX357289
C 285	11	15.1	16	1	AR123587	ACCESSION:AR123587	C 358	10.2	14.0	15	1	AX456096	ACCESSION:AX456096
C 286	11	15.1	16	1	AR267328	ACCESSION:AR267328	C 359	10.2	14.0	15	1	AX551046	ACCESSION:AX551046
C 287	11	15.1	16	1	AR305738	ACCESSION:AR305738	C 360	10.2	14.0	15	1	AX551746	ACCESSION:AX551746
C 288	11	15.1	16	1	AX023124	ACCESSION:AX023124	C 361	10.2	14.0	15	1	AX587116	ACCESSION:AX587116
C 289	11	15.1	16	1	AX417330	ACCESSION:AX417330	C 362	10.2	14.0	15	1	AX636724	ACCESSION:AX636724
C 290	10.8	14.8	14	1	A88315	ACCESSION:A88315	C 363	10.2	14.0	15	1	AX638020	ACCESSION:AX638020
C 291	10.8	14.8	14	1	A90282	ACCESSION:A90282	C 364	10.2	14.0	15	1	AX638032	ACCESSION:AX638032
C 292	10.8	14.8	14	1	E16520	ACCESSION:E16520	C 365	10	13.7	10	1	AR162296	ACCESSION:AR162296
C 293	10.8	14.8	14	1	BD058828	ACCESSION:BD058828	C 366	10	13.7	10	1	BD239444	ACCESSION:BD239444
C 294	10.8	14.8	15	1	A56697	ACCESSION:A56697	C 367	10	13.7	10	1	BD239620	ACCESSION:BD239620
C 295	10.8	14.8	15	1	AR131846	ACCESSION:AR131846	C 368	10	13.7	10	1	BD240609	ACCESSION:BD240609
C 296	10.8	14.8	15	1	I23533	ACCESSION:I23533	C 369	10	13.7	10	1	AX152157	ACCESSION:AX152157
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C 302	10.8	14.8	15	1	AX638095	ACCESSION:AX638095	C 375	10	13.7	11	1	AX623936	ACCESSION:AX623936
C 303	10.8	14.8	15	1	AX638097	ACCESSION:AX638097	C 376	10	13.7	11	1	AX628265	ACCESSION:AX628265
C 304	10.8	14.8	16	1	A36565	ACCESSION:A36565	C 377	10	13.7	11	1	AX628499	ACCESSION:AX628499
C 305	10.8	14.8	16	1	AX022900	ACCESSION:AX022900	C 378	10	13.7	11	1	AX631357	ACCESSION:AX631357
C 306	10.8	14.8	16	1	AX022919	ACCESSION:AX022919	C 379	10	13.7	12	1	BD248252	ACCESSION:BD248252
C 307	10.8	14.8	16	1	AX022938	ACCESSION:AX022938	C 380	10	13.7	12	1	I83639	ACCESSION:I83639
C 308	10.8	14.8	16	1	AX030488	ACCESSION:AX030488	C 381	10	13.7	14	1	AR029996	ACCESSION:AR029996
C 309	10.8	14.8	16	1	AX030507	ACCESSION:AX030507	C 382	10	13.7	14	1	AR030008	ACCESSION:AR030008
C 310	10.8	14.8	16	1	AX030526	ACCESSION:AX030526	C 383	10	13.7	14	1	AX211761	ACCESSION:AX211761
C 311	10.4	14.2	12	1	AR029896	ACCESSION:AR029896	C 384	10	13.7	15	1	AR133832	ACCESSION:AR133832
C 312	10.4	14.2	12	1	AR241998	ACCESSION:AR241998	C 385	10	13.7	15	1	AR133833	ACCESSION:AR133833
C 313	10.4	14.2	14	1	I06686	ACCESSION:I06686	C 386	10	13.7	15	1	AX923665	ACCESSION:AX923665
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C 325	10.4	14.2	15	1	I93803	ACCESSION:I93803	C 398	9.8	13.4	14	1	AR480817	ACCESSION:AR480817

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ALIGNMENTS

LOCUS AR096383 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 54 from patent US 6007995.
ACCESSION AR096383
VERSION AR096383.1 GI:10025142
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 54 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
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Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTCCTTTGGCTTTG 923
Db 18 CATTTCCTTTGGCTTTG 1
RESULT 2
LOCUS AR096384/c 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 55 from patent US 6007995.
ACCESSION AR096384
VERSION AR096384.1 GI:10025144
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 55 28-DEC-1999;
FEATURES Location/Qualifiers
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Db 18 TCCTTGGCTTTGGCTTT 1
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LOCUS AR096385/c 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 56 from patent US 6007995.
ACCESSION AR096385
VERSION AR096385.1 GI:10025146
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 56 28-DEC-1999;
FEATURES Location/Qualifiers
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LOCUS AR096386/c 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 57 from patent US 6007995.
ACCESSION AR096386
VERSION AR096386.1 GI:10025147
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 57 28-DEC-1999;
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Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 18 TATCCCTCTCTTCATTG 1
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LOCUS AR096387/c 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 58 from patent US 6007995.
ACCESSION AR096387
VERSION AR096387.1 GI:10025148
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 58 28-DEC-1999;
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Db 18 TCCTCTTCATTGGTTAA 1
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LOCUS AR096388/c 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 59 from patent US 6007995.
ACCESSION AR096388
VERSION AR096388.1 GI:10025150
KEYWORDS
SOURCE Unknown.

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Best Local Similarity 100.0%; Pred. No. 15;
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Db 18 TTGCTTTTATCCCTCCT 1
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LOCUS AR096386/c 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 57 from patent US 6007995.
ACCESSION AR096386
VERSION AR096386.1 GI:10025147
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 57 28-DEC-1999;
FEATURES Location/Qualifiers
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Db 18 TATCCCTCTCTTCATTG 1
RESULT 5
LOCUS AR096387/c 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 58 from patent US 6007995.
ACCESSION AR096387
VERSION AR096387.1 GI:10025148
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 58 28-DEC-1999;
FEATURES Location/Qualifiers
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Db 18 TCCTCTTCATTGGTTAA 1
RESULT 6
LOCUS AR096388/c 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 59 from patent US 6007995.
ACCESSION AR096388
VERSION AR096388.1 GI:10025150
KEYWORDS
SOURCE Unknown.

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ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 59 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
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Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 7
BD217431/c
LOCUS BD217431 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217431
VERSION BD217431.1 GI:33027201
KEYWORDS JP 2002519015-A/54.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 54 02-JUL-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/54
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER,LEX M COWSEERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00,PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
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Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCTTTGGCTTT 928
Db 18 TCTTTGGTCTTTGGCTTT 1

RESULT 9
BD217433/c
LOCUS BD217433 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217433
VERSION BD217433.1 GI:33027203
KEYWORDS JP 2002519015-A/56.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 56 02-JUL-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/56
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER,LEX M COWSEERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00,PC
C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
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source Location/Qualifiers
1..18
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Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 18 CATTTCCTTTGGTCTTTG 1

RESULT 8
BD217432/c
LOCUS BD217432 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217432
VERSION BD217432.1 GI:33027202
KEYWORDS JP 2002519015-A/55.

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QY 921 TTGCTTTTATCCCTCT 938
Db 18 TTGCTTTTATCCCTCT 1

RESULT 10
BD217434/c
LOCUS BD217434 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217434
VERSION BD217434.1 GI:33027204
KEYWORDS JP 2002519015-A/57.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 57 02-JUL-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/57
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00, PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
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source
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Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTAA 952
Db 18 TCCTCTTCATTGGTTAA 1

RESULT 12
BD217436/c
LOCUS BD217436 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217436
VERSION BD217436.1 GI:33027206
KEYWORDS JP 2002519015-A/59.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 59 02-JUL-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/59
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00, PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
FEATURES
source
Location/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCATTG 946
Db 18 TATCCCTCTCTTCATTG 1

RESULT 11
BD217435/c
LOCUS BD217435 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217435
VERSION BD217435.1 GI:33027205
KEYWORDS JP 2002519015-A/58.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 58 02-JUL-2002;
COMMENT ISIS PHARMACEUTICALS INC
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OS Unidentified
PN JP 2002519015-A/58
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00, PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
FEATURES
source
Location/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTAA 952
Db 18 TCCTCTTCATTGGTTAA 1

RESULT 12
BD217436/c
LOCUS BD217436 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217436
VERSION BD217436.1 GI:33027206
KEYWORDS JP 2002519015-A/59.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 59 02-JUL-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/59
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00, PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
FEATURES
source
Location/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 ATGATCGCTACCAACG 969
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Best Local Similarity 94.1%; Pred. No. 46;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGCTTTG 923
Db 17 ATTTCTTTTGCTTTG 1

RESULT 18
AX641907/c
LOCUS AX641907
DEFINITION Sequence 14 from Patent WO02097065.
ACCESSION AX641907
VERSION AX641907.1 GI:28474542
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Johnson, P.A. and Wolowacz, R.G.
TITLE Remodeling of somatic nuclei upon addition of pluripotent cell
JOURNAL extracts
PATENT: WO 02097065-A 14 05-DEC-2002;
Intercytex Limited (GB)
FEATURES
source
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Synthetic oligonucleotide"

Query Match 20.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 56;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 TTGCGCTTTTATCCCTCCCTC 939
Db 20 TGTGCTTTTAAATCCCTCCCTC 1

RESULT 19
AX707929/c
LOCUS AX707929
DEFINITION Sequence 14 from Patent WO03014337.
ACCESSION AX707929
VERSION AX707929.1 GI:29564000
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Andrews, P.W., Shering, A.F. and Flasz, M.A.
TITLE Fusion of cells
JOURNAL Patent: WO 03014337-A 14 20-FEB-2003;
Intercytex Limited (GB)
FEATURES
source
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Synthetic oligonucleotide"

Query Match 20.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 56;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 TTGCGCTTTTATCCCTCCCTC 939
Db 20 TGTGCTTTTAAATCCCTCCCTC 1

RESULT 20
A66968/c

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LOCUS A66968
DEFINITION Sequence 135 from Patent WO9740193.
ACCESSION A66968
VERSION A66968.1 GI:4538339
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Stuyver, L., Rossau, R. and Maertens, G.
TITLE METHOD FOR TYPING AND DETECTING HBV
JOURNAL Patent: WO 9740193-A 135 30-OCT-1997;
INNOGENETICS NV (BE)
FEATURES
source
1..20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGCTTTG 923
Db 17 ATTTCTTTTGCTTTG 1

RESULT 21
AX076066/c
LOCUS AX076066
DEFINITION Sequence 42 from Patent WO0104358.
ACCESSION AX076066
VERSION AX076066.1 GI:12710719
KEYWORDS
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1
AUTHORS Stuyver, L., Maertens, G. and van Geyt, C.
TITLE Detection of anti-hepatitis B drug resistance
JOURNAL Patent: WO 0104358-A 42 18-JAN-2001;
INNOGENETICS N.V. (BE)
FEATURES
source
1..20
/organism="Hepatitis B virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10407"

Query Match 20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGCTTTG 923
Db 17 ATTTCTTTTGCTTTG 1

RESULT 22
AX103472/c
LOCUS AX103472
DEFINITION Sequence 37 from Patent EP1104811.
ACCESSION AX103472
VERSION AX103472.1 GI:13919740
KEYWORDS
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1
AUTHORS Stuyver, L.
TITLE Hbv sequences
JOURNAL Patent: EP 1104811-A 37 06-JUN-2001;
INNOGENETICS N.V. (BE)

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FEATURES             Location/Qualifiers
source               1..20
                    /organism="Hepatitis B virus"
                    /mol_type="unassigned DNA"
                    /db_xref="taxon:10407"

Query Match          20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGCTTTG 923
    |||||
Db 17 ATTTCTTTGCTTTG 1

RESULT 23
AX155625/c          20 bp      DNA      linear      PAT 22-JUN-2001
LOCUS               37 from Patent WO0140279.
DEFINITION          AX155625
ACCESSION           AX155625
VERSION             AX155625.1 GI:14536823
KEYWORDS            Hepatitis B virus
SOURCE              Hepatitis B virus
ORGANISM            Viruses; Retroviridae; Orthohepadnavirus.

REFERENCE
AUTHORS            Stuyver, L., van Geyt, C. and de Gendt, S.
TITLE              New hbv sequences
JOURNAL            Patent: WO 0140279-A 37 07-JUN-2001;
INNOGENETICS N.V. (BE)

FEATURES
source             1..20
                    /organism="Hepatitis B virus"
                    /mol_type="unassigned DNA"
                    /db_xref="taxon:10407"

Query Match          20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGCTTTG 923
    |||||
Db 17 ATTTCTTTGCTTTG 1

RESULT 24
AR062097            21 bp      DNA      linear      PAT 29-SEP-1999
LOCUS               Sequence 180 from patent US 5843669.
DEFINITION          AR062097
ACCESSION           AR062097
VERSION             AR062097.1 GI:5989788
KEYWORDS            Kaiser, M.W., Lyamichev, V.I. and Lyamichev, N.
SOURCE              Cleavage of nucleic acid using thermostable methanococcus
ORGANISM            jannaschii FEN-1 endonucleases
REFERENCE           Patent: US 5843669-A 180 01-DEC-1998;
TITLE              Location/Qualifiers
JOURNAL            1..21
FEATURES            /organism="unknown"
source             /mol_type="unassigned DNA"

Query Match          20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTATCCCTCC 937
    |||||
Db 1 GCCTATGCCCTTTATCCCTCC 21

RESULT 25
AR089617            21 bp      DNA      linear      PAT 07-SEP-2000
LOCUS               Sequence 83 from patent US 5994069.
DEFINITION          AR089617
ACCESSION           AR089617.1 GI:10016374
KEYWORDS            Hall, J.G., Lyamichev, V.I., Mast, A.L. and Brow, M. Ann.D.
SOURCE              Detection of nucleic acids by multiple sequential invasive
ORGANISM            cleavages
REFERENCE           Patent: US 5994069-A 83 30-NOV-1999;
AUTHORS            1 (bases 1 to 21)
TITLE              Location/Qualifiers
JOURNAL            1..21
FEATURES            /organism="unknown"
source             /mol_type="unassigned DNA"

Query Match          20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTATCCCTCC 937
    |||||
Db 1 GCCTATGCCCTTTATCCCTCC 21

RESULT 26
AR308294            21 bp      DNA      linear      PAT 12-JUN-2003
LOCUS               Sequence 12 from patent US 6555311.
DEFINITION          AR308294
ACCESSION           AR308294
VERSION             AR308294.1 GI:31699687
KEYWORDS            Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and de Man, R.A.
SOURCE              Viral variants and methods for detecting same
ORGANISM            Patent: US 6555311-A 12 29-APR-2003;
REFERENCE           Location/Qualifiers
AUTHORS            1 (bases 1 to 21)
TITLE              /organism="unknown"
JOURNAL            /mol_type="genomic DNA"
FEATURES            source

Query Match          20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTTCTTTGCTTTGCTTT 928
    |||||
Db 1 TTTTCTTTGCTTTGCTTT 21

RESULT 27
AR308298/c          21 bp      DNA      linear      PAT 12-JUN-2003
LOCUS               Sequence 16 from patent US 6555311.
DEFINITION          AR308298
ACCESSION           AR308298
VERSION             AR308298.1 GI:31699691
KEYWORDS            Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and de Man, R.A.
SOURCE              Viral variants and methods for detecting same
ORGANISM            Patent: US 6555311-A 16 29-APR-2003;
REFERENCE           Location/Qualifiers
AUTHORS            1 (bases 1 to 21)
TITLE              /organism="unknown"
JOURNAL            /mol_type="unassigned DNA"
FEATURES            source

Query Match          20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTATCCCTCC 937
    |||||
Db 1 GCCTATGCCCTTTATCCCTCC 21

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source      1. .21
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 20.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTGCCTTT 928
Db 21 TTTTCTTTGGCTTTGGGTAT 1

RESULT 28
AR308973
LOCUS AR308973 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 119 from patent US 6553357.
ACCESSION AR308973
VERSION AR308973.1 GI:31700729
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.
TITLE FEN-1 endonuclease, mixtures and cleavage methods
JOURNAL Patent: US 6553357-A 119 29-APR-2003;
FEATURES
source      1. .21
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 20.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTGGCTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 29
AR317104
LOCUS AR317104 21 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 119 from patent US 6562611.
ACCESSION AR317104
VERSION AR317104.1 GI:33696340
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.
TITLE FEN-1 endonucleases, mixtures and cleavage methods
JOURNAL Patent: US 6562611-A 119 13-MAY-2003;
FEATURES
source      1. .21
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 20.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTGGCTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 30
AX029051
LOCUS AX029051 21 bp DNA linear PAT 16-SEP-2000
DEFINITION Sequence 12 from Patent WO9821317.

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ACCESSION AX029051
VERSION AX029051.1 GI:10190039
KEYWORDS Hepatitis B virus
SOURCE Hepatitis B virus
ORGANISM Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1
AUTHORS Bartholomeusz,A.I., Locarnini,S.A., Aye,T.T. and de Man,R.
TITLE Viral variants and methods for detecting same
JOURNAL Patent: WO 9821317-A 12 22-MAY-1998;
          BARTHOLOMEUSZ ANGELINE INGRID (AU) ; LOCARNINI STEPHEN ALISTER (AU)
          ; WESTERN HEALTH CARE NETWORK (AU) ; AYE THEIN THEIN (AU) ; MAN
          ROBERT A DE (AU)
FEATURES
source      1. .21
            Location/Qualifiers
            /organism="Hepatitis B virus"
            /mol_type="unassigned DNA"
            /db_xref="taxon:10407"

Query Match
Best Local Similarity 20.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTGCCTTT 928
Db 1 TTTTCTTTGGCTTTGGGTAT 21

RESULT 31
AX029055/c
LOCUS AX029055 21 bp DNA linear PAT 16-SEP-2000
DEFINITION Sequence 16 from Patent WO9821317.
ACCESSION AX029055
VERSION AX029055.1 GI:10190043
KEYWORDS Hepatitis B virus
SOURCE Hepatitis B virus
ORGANISM Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1
AUTHORS Bartholomeusz,A.I., Locarnini,S.A., Aye,T.T. and de Man,R.
TITLE Viral variants and methods for detecting same
JOURNAL Patent: WO 9821317-A 16 22-MAY-1998;
          BARTHOLOMEUSZ ANGELINE INGRID (AU) ; LOCARNINI STEPHEN ALISTER (AU)
          ; WESTERN HEALTH CARE NETWORK (AU) ; AYE THEIN THEIN (AU) ; MAN
          ROBERT A DE (AU)
FEATURES
source      1. .21
            Location/Qualifiers
            /organism="Hepatitis B virus"
            /mol_type="unassigned DNA"
            /db_xref="taxon:10407"

Query Match
Best Local Similarity 20.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTGCCTTT 928
Db 21 TTTTCTTTGGCTTTGGGTAT 1

RESULT 32
AX555488
LOCUS AX555488 21 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 84 from Patent WO02070755.
ACCESSION AX555488
VERSION AX555488.1 GI:25898993
KEYWORDS Pyrococcus woesei
SOURCE Pyrococcus woesei
ORGANISM Archaea; Euryarchaeota; Thermococci; Thermococcales;
          Thermococcaceae; Pyrococcus.
REFERENCE 1
AUTHORS Lyamichev,V.I., Kaiser,M.W. and Lyamicheva,N.

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TITLE          Fen endonucleases
JOURNAL        Patent: WO 02070755-A 84 12-SEP-2002;
                Third Wave Technologies, Inc. (US)
FEATURES       Location/Qualifiers
source         1..21
               /organism="Pyrococcus woesei"
               /mol_type="unassigned DNA"
               /db_xref="taxon:2262"

Query Match    20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCTTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 33
LOCUS          BD009336                21 bp    DNA    linear    PAT 31-JAN-2002
DEFINITION     Viral variants and methods for detecting same.
ACCESSION      BD009336
VERSION        BD009336.1 GI:18637709
KEYWORDS       JP 2001503277-A/12.
SOURCE         unidentified
ORGANISM       unclassified.
REFERENCE      1 (bases 1 to 21)
AUTHORS        Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and Man, R.A.D.
TITLE          Viral variants and methods for detecting same
JOURNAL        Patent: JP 2001503277-A 12 13-MAR-2001;
                NORTH WESTERN HEALTH CARE NETWORK
COMMENT        OS Hepatitis virus (hepatitis B virus)
                PN JP 2001503277-A/12
                PD 13-MAR-2001
                PF 15-AUG-1997 JP 1998521944
                PR 08-NOV-1996 AU PO 3519
                PI STEPHEN ALISTER LOCARNINI, ANGELINE INGRID BARTHOLOMEUSZ, PI
                THEIN THEIN AYE,
                PI ROBERT A DE MAN
                PC C12N7/01, C12N7/00, C12N15/36, C12N15/54, C07K14/02 CC
                FH Key
                FT source
                FT /organism='Hepatitis virus (hepatitis B virus)'

FEATURES       Location/Qualifiers
source         1..21
               /organism="unidentified"
               /mol_type="genomic DNA"
               /db_xref="taxon:32644"

Query Match    20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTCTTTGGCTTTTGCCTTT 928
Db 21 TTTCTTTTGTCTTTGGGTAT 1

RESULT 35
LOCUS          BD095897                21 bp    DNA    linear    PAT 27-AUG-2002
DEFINITION     FEN-1 endonucleases, mixtures and cleavage methods.
ACCESSION      BD095897
VERSION        BD095897.1 GI:22641485
KEYWORDS       JP 2001526526-A/110.
SOURCE         synthetic construct
ORGANISM       artificial sequences.
REFERENCE      1 (bases 1 to 21)
AUTHORS        Kaiser, M.W., Lyamichev, V.I. and Lyamicheva, N.
TITLE          FEN-1 endonucleases, mixtures and cleavage methods
JOURNAL        Patent: JP 2001526526-A 110 18-DEC-2001;
                THIRD WAVE TECHNOLOGIES INC
COMMENT        OS Artificial Sequence
                PN JP 2001526526-A/110
                PD 18-DEC-2001
                PF 26-NOV-1997 JP 1998524043
                PR 29-NOV-1996 US 08/757653, 02-DEC-1996 US 08/758314 PI
                MICHAEL W KAISER, VICTOR I LYAMICHEV, NATASHA LYAMICHEVA PC
                C12Q1/34, C12Q1/44, C12Q1/68, C12P19/34, C12N15/00, C12N1/20 PC
                , C12N15/09, C07K1/00,
                PC C07H21/02, C07H21/04
                CC Description of Artificial Sequence: Synthetic FH Key
                Location/Qualifiers
                FT source
                FT 1..21
                FT /organism='Artificial Sequence'.

FEATURES       Location/Qualifiers
source         1..21
               /organism="synthetic construct"
               /mol_type="genomic DNA"
               /db_xref="taxon:32630"

Query Match    20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCTTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

TITLE          Fen endonucleases
JOURNAL        Patent: WO 02070755-A 84 12-SEP-2002;
                Third Wave Technologies, Inc. (US)
FEATURES       Location/Qualifiers
source         1..21
               /organism="Pyrococcus woesei"
               /mol_type="unassigned DNA"
               /db_xref="taxon:2262"

Query Match    20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCTTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 34
LOCUS          BD009340                21 bp    DNA    linear    PAT 31-JAN-2002
DEFINITION     Viral variants and methods for detecting same.
ACCESSION      BD009340
VERSION        BD009340.1 GI:18637713
KEYWORDS       JP 2001503277-A/16.
SOURCE         unidentified
ORGANISM       unclassified.
REFERENCE      1 (bases 1 to 21)
AUTHORS        Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and Man, R.A.D.

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RESULT 36
AX736729 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 2319 from Patent WO03025177.
ACCESSION AX736729
VERSION AX736729.1 GI:30516017
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Teitelman, A., Anson, R., and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 2319 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 60;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 930 ATCCCTCTCTTCATT 945
Db 2 ATCCCTCTCTTCATT 17
LOCUS AR093039 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 134 from patent US 5998383.
ACCESSION AR093039
VERSION AR093039.1 GI:10019791
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wright, J.A. and Young, A.H.
TITLE Antitumor antisense sequences directed against ribonucleotide
reductase
JOURNAL Patent: US 5998383-A 134 07-DEC-1999;
FEATURES
source Location/Qualifiers
1.20
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 19.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 68;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTGGTCTTTG 923
Db 18 TTTTCTTTGGTCTTTG 3
LOCUS AR359541 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 134 from patent US 6593305.
ACCESSION AR359541
VERSION AR359541.1 GI:33766264
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Wright, J.A.
TITLE Antitumor antisense sequences directed against R1 and R2 components
of ribonucleotide reductase
JOURNAL Patent: US 6593305-A 134 15-JUL-2003;
FEATURES
source Location/Qualifiers
1.20
/organism="unknown"
/mol_type="genomic DNA"
Query Match 19.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 68;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTGGTCTTTG 923
Db 18 TTTTCTTTGGTCTTTG 3
LOCUS AX151166 20 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 55 from Patent WO0138498.
ACCESSION AX151166
VERSION AX151166.1 GI:14533340
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Stuyver, L., Schinazi, R., de Gendt, S., van Geyt, C., Zoulim, F.,
Fried, M., and Rossau, R.
TITLE A new genotype of hepatitis B virus
JOURNAL Patent: WO 0138498-A 55 31-MAY-2001;
Pharmasset, Inc. (US); INNOGENETICS N.V. (BE)
FEATURES
source Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="r = a or g"
Query Match 19.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 68;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1
LOCUS AX202051 19 bp DNA linear PAT 30-AUG-2001
DEFINITION Sequence 4 from Patent WO0153525.
ACCESSION AX202051
VERSION AX202051.1 GI:15391834
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Refseth, U.H. and Kolpus, T.G.
TITLE Cell isolation method
JOURNAL Patent: WO 0153525-A 4 26-JUL-2001;
Genpoint AS (NO)
FEATURES
source Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

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Query Match      19.5%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 70;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCCTTCATTCGTTAAATGT 955
      ||||| ||||| ||||| |||||
Db 19 CTCCTTCCTGGGGTTAAATGT 1

RESULT 41
E15988/c
LOCUS      E15988      20 bp      DNA      linear      PAT 28-JUL-1999
DEFINITION Oligonucleotide which modulates expression, production or reception
of hepatocyte growth factor or expression of c-Met.
ACCESSION E15988
VERSION   E15988.1 GI:5710671
KEYWORDS  JP 1998127286-A/13.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Ishikawa,T., Shigenatsu,T. and Yamamoto,A.
TITLE     OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
JOURNAL   Patent: JP 1998127286-A 13 19-MAY-1998;
          TERUMO CORP
COMMENT   OS None
          OC Artificial sequences.
          PN JP 1998127286-A/13
          PD 19-MAY-1998
          PF 01-NOV-1996 JP 1996291499
          PI ISHIKAWA TETSUYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC
          CI2N15/09,A61K31/70,A61K31/70,C07H21/04;
          CC strandedness: Single;
          CC topology: Linear;
          CC hypothetical: No;
          FH Key
          FT source
          FT Location/Qualifiers
          FT 1..20
          /organism="Artificial sequences".

FEATURES
source
1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      19.5%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCTCCTCTTC 942
      ||||| ||||| ||||| |||||
Db 19 CCTTTCTCCTTCCCTTC 1

RESULT 42
E15990
LOCUS      E15990      20 bp      DNA      linear      PAT 28-JUL-1999
DEFINITION Oligonucleotide which modulates expression, production or reception
of hepatocyte growth factor or expression of c-Met.
ACCESSION E15990
VERSION   E15990.1 GI:5710673
KEYWORDS  JP 1998127286-A/15.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Ishikawa,T., Shigenatsu,T. and Yamamoto,A.
TITLE     OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
JOURNAL   Patent: JP 1998127286-A 15 19-MAY-1998;
          TERUMO CORP
COMMENT   OS None
          OC Artificial sequences.
          PN JP 1998127286-A/15

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PD 19-MAY-1998
PF 01-NOV-1996 JP 1996291499
PI ISHIKAWA TETSUYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC
CI2N15/09,A61K31/70,A61K31/70,C07H21/04;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key
FT source
FT 1..20
/organism="Artificial sequences".

FEATURES
source
1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      19.5%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCTCCTCTTC 942
      ||||| ||||| ||||| |||||
Db 2 CCTTTCTCCTTCCCTTC 20

RESULT 43
AX298975/c
LOCUS      AX298975      21 bp      DNA      linear      PAT 26-NOV-2001
DEFINITION Sequence 609 from Patent WO0183749.
ACCESSION AX298975
VERSION   AX298975.1 GI:17128965
KEYWORDS  Mus sp.
SOURCE    Mus sp.
ORGANISM  Mus sp.
REFERENCE 1
AUTHORS   Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S.,
          Li,X., Ohmen,J.D., Reed,D.R., Ross,D. and Tordoff,M.G.
          Gene and sequence variation associated with sensing carbohydrate
          compounds and other sweeteners
          Patent: WO 0183749-A 609 08-NOV-2001;
          WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center
          (US)

FEATURES
source
1..21
/organism="Mus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match      19.5%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 76;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCCTCTTCATT 945
      ||||| ||||| ||||| |||||
Db 19 TTTCTCACTCTCTTCCTT 1

RESULT 44
AX921300/c
LOCUS      AX921300      21 bp      DNA      linear      PAT 18-DEC-2003
DEFINITION Sequence 293 from Patent WO02068652.
ACCESSION AX921300
VERSION   AX921300.1 GI:40214921
KEYWORDS  synthetic construct
          synthetic construct
          artificial sequences.
SOURCE    synthetic construct
ORGANISM  artificial sequences.
REFERENCE 1
AUTHORS   Nov-x proteins and nucleic acids encoding same
TITLE

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JOURNAL Patent: WO 02068652-A 293 06-SEP-2002;
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: oligonucleotide primer"

Query Match 19.5%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 76;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 909 TTTCTTTGGTCTTGCCTT 927
|||||
Db 20 TTTCTTTGGTCTTGCCTT 2

RESULT 45
AX076067/c
LOCUS AX076067 20 bp DNA linear PAT 06-FEB-2001
DEFINITION Sequence 43 from Patent WO0104358.
ACCESSION AX076067
VERSION AX076067.1 GI:12710720
KEYWORDS Hepatitis B virus
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1
AUTHORS Stuyver, L., Maertens, G. and van Geyt, C.
TITLE Detection of anti-hepatitis B drug resistance
JOURNAL Patent: WO 0104358-A 43 18-JAN-2001;
INNOGENETICS N.V. (BE)
FEATURES Location/Qualifiers
source 1..20
/organism="Hepatitis B virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10407"

Query Match 19.9%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 907 ATTTCCTTTGGTCTCTTG 923
|||||
Db 17 ATTTCCTTTGGTCTCTG 1

RESULT 46
AX802031/c
LOCUS AX802031 20 bp DNA linear PAT 24-NOV-2003
DEFINITION Sequence 170 from Patent WO03057913.
ACCESSION AX802031
VERSION AX802031.1 GI:38500955
KEYWORDS Merluccius merluccius (European hake)
SOURCE Merluccius merluccius
ORGANISM Merluccius merluccius
REFERENCE 1
AUTHORS Mabilat, C., Desvarenne, S., Babola, O., Lacroix, B. and bello Pigem, N.
TITLE Method for the detection and/or identification of the original animal species in animal matter contained in a sample
JOURNAL Patent: WO 03057913-A 170 17-JUL-2003;
BIO MERIEUX (FR)
FEATURES Location/Qualifiers
source 1..20
/organism="Merluccius merluccius"
/mol_type="unassigned DNA"
/db_xref="taxon:8063"

Query Match 18.9%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 950 TAATGATATCGCTACCA 966
|||||
Db 20 TAATGATATCGCTAGAAA 4

RESULT 47
AR162764
LOCUS AR162764 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 87 from patent US 6258790.
ACCESSION AR162764
VERSION AR162764.1 GI:16230103
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett, C. Frank., Condon, T. P. and Cowsert, L. M.
TITLE Antisense modulation of integrin .alpha.4 expression
JOURNAL Patent: US 6258790-A 87 10-JUL-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 945 TCGTTTAATGATATCGCTACC 964
|||||
Db 1 TCGTTTAATGATATCGCTACC 20

RESULT 48
AR237433
LOCUS AR237433 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 11 from patent US 6465618.
ACCESSION AR237433
VERSION AR237433.1 GI:27282156
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Nishida, E., Moriguchi, T. and Matsuzaki, C.
TITLE Mitogen activated protein kinase (MAPK) kinase
JOURNAL Patent: US 6465618-A 11 15-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 913 TTGTGCTTTGCTTTTATC 932
|||||
Db 1 TTGTGCTTTGCTTTGATC 20

RESULT 49
AR237439
LOCUS AR237439 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 17 from patent US 6465618.
ACCESSION AR237439
VERSION AR237439.1 GI:27282162
KEYWORDS
SOURCE Unknown.


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SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Kniec,E.B., Gamper,H.B. and Rice,M.C.
TITLE       Targeted chromosomal genomic alterations with modified single
JOURNAL     stranded oligonucleotides
            Patent: WO 0173002-A 559 04-OCT-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES    source
            Location/Qualifiers
            1..17
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967
Db 15 TGTATCGCTACAAAC 1

RESULT 54
AX263169
LOCUS      AX263169          17 bp      DNA          linear      PAT 26-OCT-2001
DEFINITION Sequence 560 from Patent WO0173002.
ACCESSION  AX263169
VERSION     AX263169.1 GI:16511968
KEYWORDS    .
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Kniec,E.B., Gamper,H.B. and Rice,M.C.
TITLE       Targeted chromosomal genomic alterations with modified single
JOURNAL     stranded oligonucleotides
            Patent: WO 0173002-A 560 04-OCT-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES    source
            Location/Qualifiers
            1..17
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Kniec,E.B., Gamper,H.B. and Rice,M.C.
TITLE       Targeted chromosomal genomic alterations with modified single
JOURNAL     stranded oligonucleotides
            Patent: WO 0173002-A 560 04-OCT-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES    source
            Location/Qualifiers
            1..17
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967
Db 3 TGTATCGCTACAAAC 17

RESULT 55
AX643452
LOCUS      AX643452          19 bp      DNA          linear      PAT 24-FEB-2003
DEFINITION Sequence 318 from Patent WO0209099.
ACCESSION  AX643452
VERSION     AX643452.1 GI:28551117
KEYWORDS    .
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE   1
AUTHORS     Penger,A., Sprenger,R. and Brinkmann,U.
TITLE       Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
            and their use in diagnostic and therapeutic applications
            Patent: WO 0209099-A 318 12-DEC-2002;
            Epidauros Biotechnologie AG (DE)
JOURNAL     Epidauros Biotechnologie AG (DE)
FEATURES    source
            Location/Qualifiers
            1..19
            /organism="synthetic construct"
            /mol_type="synthetic construct"
            /db_xref="taxon:32630"

Query Match      18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 96;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Penger,A., Sprenger,R. and Brinkmann,U.
TITLE       Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
            and their use in diagnostic and therapeutic applications
            Patent: WO 0209099-A 321 12-DEC-2002;
            Epidauros Biotechnologie AG (DE)
JOURNAL     Epidauros Biotechnologie AG (DE)
FEATURES    source
            Location/Qualifiers
            1..19
            /organism="synthetic construct"
            /mol_type="synthetic construct"
            /db_xref="taxon:32630"

Query Match      18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 96;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTGTCATTTTCT 913
Db 4 CCTGTCATTTTCT 18

RESULT 56
AX643455/c
LOCUS      AX643455          19 bp      DNA          linear      PAT 24-FEB-2003
DEFINITION Sequence 321 from Patent WO0209099.
ACCESSION  AX643455
VERSION     AX643455.1 GI:28551122
KEYWORDS    .
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE   1
AUTHORS     Penger,A., Sprenger,R. and Brinkmann,U.
TITLE       Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
            and their use in diagnostic and therapeutic applications
            Patent: WO 0209099-A 321 12-DEC-2002;
            Epidauros Biotechnologie AG (DE)
JOURNAL     Epidauros Biotechnologie AG (DE)
FEATURES    source
            Location/Qualifiers
            1..19
            /organism="synthetic construct"
            /mol_type="synthetic construct"
            /db_xref="taxon:32630"

Query Match      18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 96;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTGTCATTTTCT 913
Db 4 CCTGTCATTTTCT 18

RESULT 57
AX243627
LOCUS      AR243627          20 bp      DNA          linear      PAT 20-DEC-2002
DEFINITION Sequence 77 from patent US 6475797.
ACCESSION  AR243627
VERSION     AR243627.1 GI:27290992
KEYWORDS    .
SOURCE      Unknown.
            Unclasseified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Wyatt,J.
TITLE       Antisense modulation of SR-CYP expression
JOURNAL     Patent: US 6475797-A 77 05-NOV-2002;
            Location/Qualifiers
FEATURES    source
            Location/Qualifiers
            1..20
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      18.4%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CCTGTCATTTTCTT 914
Db 2 CATGTCATTTTCTT 16
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RESULT 58
LOCUS       AR235530               18 bp    DNA          linear          PAT 20-DEC-2002
DEFINITION   Sequence 29 from patent US 6461810.
ACCESSION   AR235530
VERSION     AR235530.1   GI:27278751
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 18)
AUTHORS    Fresco,J.R. and Johnson,M.D.
TITLE      Triplex in-situ hybridization
JOURNAL    Patent: US 6461810-A 29 08-OCT-2002;
FEATURES   Location/Qualifiers
            source
              1..18
              /organism="unknown"
              /mol_type="genomic DNA"
Query Match      18.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  927 TTTATCCCTCCTCTTCAT 944
Db  1 TTTCTCCTTCTCTTCAT 18

RESULT 59
LOCUS       AR065137/c            19 bp    DNA          linear          PAT 29-SEP-1999
DEFINITION   Sequence 24 from patent US 5849488.
ACCESSION   AR065137
VERSION     AR065137.1   GI:5995353
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 19)
AUTHORS    Alatosava,J.Tapani., Forsman,P.Tuulikki. and
            Tilsala-Timisjarvi,A.Kyllikki.
TITLE      DNA-sequence-based diagnosis of mastitis from a milk sample
JOURNAL    Patent: US 5849488-A 24 15-DEC-1998;
FEATURES   Location/Qualifiers
            source
              1..19
              /organism="unknown"
              /mol_type="unassigned DNA"
Query Match      18.1%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  929 TATCCCTCCTCTTCATTG 946
Db  19 TATCCCTCATCTCGTAG 2

RESULT 60
LOCUS       AR312179/c            20 bp    DNA          linear          PAT 12-JUN-2003
DEFINITION   Sequence 2716 from patent US 6559294.
ACCESSION   AR312179
VERSION     AR312179.1   GI:31705605
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Griffais,R., Holseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
            Sankaran,B. and Fletcher,L.D.
TITLE      Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL    Patent: US 6559294-A 2716 06-MAY-2003;

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FEATURES   Location/Qualifiers
            source
              1..20
              /organism="unknown"
              /mol_type="genomic DNA"
Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  917 GTCCTTGCCCTTTATCCC 934
Db  18 GTCCTTGCTCCTTATCCC 1

RESULT 61
LOCUS       BD069127/c            20 bp    DNA          linear          PAT 27-AUG-2002
DEFINITION   Methods for modulating hematopoiesis and vascular growth.
ACCESSION   BD069127
VERSION     BD069127.1   GI:22614730
KEYWORDS    JP 2001511650-A/12.
SOURCE      unidentified
ORGANISM    unidentified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Baron,M.H., Farrington,S.M. and Belaussoff,M.
TITLE      Methods for modulating hematopoiesis and vascular growth
JOURNAL    Patent: JP 2001511650-A 12 14-AUG-2001;
            THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE
COMMENT     OS Unidentified
            PN JP 2001511650-A/12
            PD 14-AUG-2001
            PF 10-FEB-1998 JP 1998535042
            PR 10-FEB-1997 US 60/037513,16-JUN-1997 US 60/049763 PI
            MARGARET H BARON, SARAH M FARRINGTON,MARIA BELAUSOFF PC
            C12N5/00,A61K38/18,A61K48/00
            CC PCR Primer
            FH Key
            FT source
            Location/Qualifiers
            /organism="Unidentified".
FEATURES   Location/Qualifiers
            source
              1..20
              /organism="unidentified"
              /mol_type="genomic DNA"
              /db_xref="taxon:32644"
Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  949 TTAATGTATCGCTACCAA 966
Db  20 TTAGTGTTTCCTGCCAA 3

RESULT 62
LOCUS       AX759942              17 bp    DNA          linear          PAT 25-JUN-2003
DEFINITION   Sequence 3263 from Patent WO03040369.
ACCESSION   AX759942
VERSION     AX759942.1   GI:32254558
KEYWORDS    .
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Telerman,A., Amson,R. and Tuijnder,M.
TITLE      Sequences involved in tumoral suppression, tumoral reversion,
            apoptosis and/or viral resistance phenomena and their use as
            medicines
JOURNAL    Patent: WO 03040369-A 3263 15-MAY-2003;
            Molecular Engines Laboratories (FR)

```

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FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 17.8%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 919 CCTTGCCTTTTAT 931
DB 5 CTTTGCCTTTAT 17

RESULT 63
AX643451
LOCUS AX643451 19 bp DNA linear PAT 24-FEB-2003
DEFINITION Sequence 317 from Patent WO02099099.
ACCESSION AX643451
VERSION AX643451.1 GI:28551116
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Penger, A., Sprenger, R. and Brinkmann, U.
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
JOURNAL Patent: WO 02099099-A 317 12-DEC-2002;
Epidaurus Biotechnologie AG (DE)
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/notes="y=t or c"

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Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTGGTCATTCTTCT 913
DB 4 CCTGGTCATTCTTCT 18

RESULT 64
AX643454/c
LOCUS AX643454 19 bp DNA linear PAT 24-FEB-2003
DEFINITION Sequence 320 from Patent WO02099099.
ACCESSION AX643454
VERSION AX643454.1 GI:28551119
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Penger, A., Sprenger, R. and Brinkmann, U.
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
JOURNAL Patent: WO 02099099-A 320 12-DEC-2002;
Epidaurus Biotechnologie AG (DE)
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QY 914 TTGGTCCTTTGACTTGT 929
DB 17 TTGGTCCTTTGACTTGT 2

RESULT 67
AX503035/c
LOCUS AX503035 17 bp DNA linear PAT 27-SEP-2002
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DEFINITION Sequence 4342 from Patent EP1229046.
ACCESSION AX503035
VERSION AX503035.1 GI:23385328
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
JOURNAL reversion, apoptosis and/or resistance to viruses and the use
of thereof as medicaments
Molecular Engines Laboratories (FR)
Patent: WO 03025177-A 144 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGCTCTTTCCTTTT 929
Db 16 TTGCTCTTTCACCTGT 1

RESULT 68
AX732082 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 3716 from Patent WO03025175.
ACCESSION AX732082
VERSION AX732082.1 GI:30511425
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
JOURNAL reversion, apoptosis and/or virus resistance and their use as
Molecular Engines Laboratories (FR)
Patent: WO 03025175-A 3716 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
Query Match 17.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCCTTCACTTCATT 17

RESULT 69
AX734554 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 144 from Patent WO03025177.
ACCESSION AX734554
VERSION AX734554.1 GI:30513831
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
JOURNAL reversion, apoptosis and/or virus resistance and their use as
Molecular Engines Laboratories (FR)
Patent: WO 03025177-A 144 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
Query Match 17.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCCTTCACTTCATT 17

RESULT 71
AR076322 18 bp DNA linear PAT 30-AUG-2000
LOCUS
DEFINITION Sequence 36 from patent US 5958771.
ACCESSION AR076322
VERSION AR076322.1 GI:10003068
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.Frank., Ackermann,E.J. and Cowseert,L.M.
TITLE Antisense modulation of cellular inhibitor of Apoptosis-2
expression
JOURNAL Patent: US 5958771-A 36 28-SEP-1999;
FEATURES
source 1..18
/mol_type="unassigned DNA"

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AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
JOURNAL reversion, apoptosis and/or resistance to viruses and the use
of thereof as medicaments
Molecular Engines Laboratories (FR)
Patent: WO 03025177-A 144 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 903 GGTCAATTTCTTCGT 918
Db 1 GATCATTTCTTCGT 16

RESULT 70
AX760907 17 bp DNA linear PAT 25-JUN-2003
LOCUS
DEFINITION Sequence 4228 from Patent WO03040369.
ACCESSION AX760907
VERSION AX760907.1 GI:32255523
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 4228 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 17.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCCTTCTTCCTT 17

RESULT 71
AR076322 18 bp DNA linear PAT 30-AUG-2000
LOCUS
DEFINITION Sequence 36 from patent US 5958771.
ACCESSION AR076322
VERSION AR076322.1 GI:10003068
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.Frank., Ackermann,E.J. and Cowseert,L.M.
TITLE Antisense modulation of cellular inhibitor of Apoptosis-2
expression
JOURNAL Patent: US 5958771-A 36 28-SEP-1999;
FEATURES
source 1..18
/mol_type="unassigned DNA"

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PN JP 2002511276-A/186
PD 16-APR-2002
PF 13-APR-1999 JP 2000543647
PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PI
PI LEX M COMSERT,BRENDA F BAKER,JOHN MCNEIL,SUSAN M FREIER,HENRI PI
M SASWOR,
PI DOUGLAS G BROOKS,CARA OHASI,JACQUELINE R WYATT,ALEXANDER H PI
BORCHERS,
PI TIMOTHY A VIKKARS
PC C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50,PC
C12N15/00
CC Antisense Oligonucleotide
FH Key Location/Qualifiers
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FT Location/Qualifiers
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Query Match 17.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 927 TTTATCCCTCCTCTTC 942
Db 1 TTTCTCTCTCCTCTTC 16

RESULT 74
I88015/c
LOCUS I88015 18 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 8 from patent US 5716835.
ACCESSION I88015
VERSION I88015.1 GI:3407955
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Regan,J.W., Gil,D.W. and Woodward,D.F.
TITLE Nucleic acid encoding a novel human EP prostaglandin receptor
JOURNAL Patent: US 5716835-A 8 10-FEB-1998;
FEATURES
source 1..18
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/mol_type="unassigned DNA"

Query Match 17.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 CTTTGGTCTTTGGCTT 927
Db 17 CTTGGGTCTTTGGCAT 2

RESULT 75
AR372109/c
LOCUS AR372109 18 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 8 from patent US 6395878.
ACCESSION AR372109
VERSION AR372109.1 GI:34609391
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Regan,J.W., Gil,D.W. and Woodward,D.F.
TITLE Nucleic acid encoding a human EP prostaglandin receptor

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JOURNAL Patent: US 6395878-A 8 28-MAY-2002;

FEATURES

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Query Match

Best Local Similarity 17.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 912 CTTTGGTCTTGGCTT 927

Db 17 CTTGGGTCTTGGCAT 2

RESULT 76

AR298560/c
LOCUS AR298560 19 bp DNA linear PAT 12-JUN-2003

DEFINITION Sequence 10295 from patent US 6537751.

ACCESSION AR298560

VERSION AR298560.1 GI:31685844

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

1 (bases 1 to 19)

REFERENCE Cohen, D., Chumakov, I. and Blumenfeld, M.

AUTHORS

TITLE Biallelic markers for use in constructing a high density

disequilibrium map of the human genome

JOURNAL Patent: US 6537751-A 10295 25-MAR-2003;

FEATURES

source

1. .19

/organism="unknown"

/mol_type="genomic DNA"

Query Match 17.5%; Score 12.8; DB 1; Length 19;

Best Local Similarity 87.5%; Pred. No. 1.2e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 909 TTTCTTTGGTCTTGGC 924

Db 18 TTTCTTTGGTCATGCC 3

RESULT 77

AX503036/c
LOCUS AX503036 17 bp DNA linear PAT 27-SEP-2002

DEFINITION Sequence 4343 from Patent EP1229046.

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

Acemica, Inc. (US)

FEATURES

source

1. .17

/organism="Homo sapiens"

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Query Match 17.0%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.3e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 914 TTGGTCTTGGCTT 927

Db 15 TTGGTCTTGGACTT 2

RESULT 78

AX503037/c

LOCUS

DEFINITION

Sequence 4344 from Patent EP1229046.

ACCESSION AX503037

VERSION AX503037.1 GI:23385330

KEYWORDS

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS

TITLE

Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4344 07-AUG-2002;

Acemica, Inc. (US)

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Best Local Similarity 92.9%; Pred. No. 1.3e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 914 TTGGTCTTGGCTT 927

Db 14 TTGGTCTTGGACTT 1

RESULT 79

AX726856

LOCUS

DEFINITION

Sequence 4543 from Patent WO03025176.

ACCESSION AX726856

VERSION AX726856.1 GI:30506199

KEYWORDS

SOURCE

Mus musculus (house mouse)

ORGANISM

Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

AUTHORS

TITLE

Sequences involved in phenomena of tumour suppression, tumour

reversion, apoptosis and/or virus resistance and their use as

medicines

JOURNAL Patent: WO 03025176-A 4543 27-MAR-2003;

Molecular Engines Laboratories (PR)

FEATURES

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Query Match 17.0%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.3e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCTTGGC 924

Db 3 TCTTTGGTCTTGGC 16

RESULT 80

AX730388

LOCUS

DEFINITION

Sequence 2022 from Patent WO03025175.

ACCESSION AX730388

VERSION AX730388.1 GI:30509731

KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 2022 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 911 TCTTGGTCTTTGC 924
Db 3 TCTTGGTCTTTGC 16
RESULT 81
AX735312 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 902 from Patent WO03025177.
DEFINITION AX735312
ACCESSION AX735312
VERSION AX735312.1 GI:30514589
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 902 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 913 TTTGGTCTTTGCCT 926
Db 3 TCTGGTCTTTGCCT 16
RESULT 82
AX736279 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 1869 from Patent WO03025177.
DEFINITION AX736279
ACCESSION AX736279
VERSION AX736279.1 GI:30515556
KEYWORDS Homo sapiens (human)
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ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour

reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 1869 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 930 ATCCCTCCTCTTCA 943
Db 2 ATCCCTCCTCTTCA 15
RESULT 83
AX736844 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 2434 from Patent WO03025177.
DEFINITION AX736844
ACCESSION AX736844
VERSION AX736844.1 GI:30516132
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 2434 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 911 TCTTTGGTCTTTGC 924
Db 3 TCTTTGGTCTTTGC 16
RESULT 84
AX757324 17 bp DNA linear PAT 25-JUN-2003
LOCUS Sequence 645 from Patent WO03040369.
DEFINITION AX757324
ACCESSION AX757324
VERSION AX757324.1 GI:32251940
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL Patent: WO 03040369-A 645 15-MAY-2003;
Molecular Engines Laboratories (FR)
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/mol_type="unassigned DNA"
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGCATTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 904 GTCATTTCTTTG 917
Db 17 GACATTTCTTTG 4

RESULT 86
AX759370
LOCUS AX759370 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2691 from Patent WO03040369.
ACCESSION AX759370
VERSION AX759370.1 GI:32253986
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 2691 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 GGCATTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 906 GGCATTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
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DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
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DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 GGCATTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 GGCATTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
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Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 910 GGCATTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTTG 924
Db 3 TCTTTGGTCTTTG 16

RESULT 88
ARI77812
LOCUS ARI77812 18 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 12 from patent US 6313265.
ACCESSION ARI77812
VERSION ARI77812.1 GI:17920167
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Phillips,G., Cunningham,B.A. and Crossin,K.L.
TITLE Neurite outgrowth-promoting polypeptides containing fibronectin
type III repeats and methods of use
JOURNAL Patent: US 6313265-A 12 06-NOV-2001;
Molecular Engines Laboratories (FR)
FEATURES
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      17.0%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCTCTTCATTG 946
Db 1 CCTCTCTTCATTG 14

RESULT 89
I57031/c
LOCUS I57031 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 32 from patent US 5650553.
ACCESSION I57031
VERSION I57031.1 GI:2477444
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KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Ecker,J., Rotherberg,M., Lehman,A. and Roman,G.
TITLE Plant genes for sensitivity to ethylene and pathogens
JOURNAL Patent: US 5650553-A 32 22-JUL-1997;
FEATURES Location/Qualifiers
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1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 17.0%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCATTG 946
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Db 17 CCTCCTCTTCATTG 4

RESULT 90
AR295515/c
LOCUS
DEFINITION Sequence 7250 from patent US 6537751.
ACCESSION AR295515
VERSION AR295515.1 GI:31682799
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 917 GTCTTTGCCCTTTA 930
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Db 19 GTCTTTGCCCTTTA 6

RESULT 91
AX317198/c
LOCUS
DEFINITION Sequence 201 from Patent WO0190337.
ACCESSION AX317198
VERSION AX317198.1 GI:17900187
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Allawi,H., Bartholomay,C.T., Chehak,L., Curtis,M.L., Eis,P.S.,
Hall,J.G., Ip,H.S., Kaiser,M., Kwiatkowski,R.W., Lukowiak,A.A.,
Lyamichev,V., Ma,W., Olson-Munoz,M.C., Olson,S.M., Schaefer,J.J.,
Skrzypczynski,Z., Takova,T.Y., Vedvik,K.L. and Lyamichev,N.E.
TITLE Detection of rna
JOURNAL Patent: WO 0190337-A 201 29-NOV-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES Location/Qualifiers
source
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/organism="synthetic construct"
/mol_type="unassigned DNA"

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Ecker,J., Rotherberg,M., Lehman,A. and Roman,G.
TITLE Plant genes for sensitivity to ethylene and pathogens
JOURNAL Patent: US 5650553-A 32 22-JUL-1997;
FEATURES Location/Qualifiers
source
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 92
AR045272
LOCUS
DEFINITION Sequence 65 from patent US 5817796.
ACCESSION AR045272
VERSION AR045272.1 GI:5966737
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylate residues
JOURNAL Patent: US 5817796-A 65 06-OCT-1998;
FEATURES Location/Qualifiers
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 910 TTCTTTGGTCTTTGGCT 926
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Db 1 TGCTATGGTCTTAGCCT 17

RESULT 93
BD241313/c
LOCUS
DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION BD241313
VERSION BD241313.1 GI:33051083
KEYWORDS JP 2002525127-A/260.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.
TITLE Methods and products related to genotyping and DNA analysis
JOURNAL Patent: JP 2002525127-A 260 13-AUG-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
COMMENT OS Homo sapiens (human)
PN JP 2002525127-A/260
PD 13-AUG-2002
PF 24-SEP-1999 JP 2000572407
PR 25-SEP-1998 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
G01N37/00,
PC C12N15/00
CC Methods and products related to genotyping and DNA analysis FH
FT Key source
FT source
1..17
/organism='Homo sapiens (human)'.
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

JOURNAL Patent: EP 1273660-A 490 08-JAN-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 938 TCTTCATTGGTTTAATG 954
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Db 1 TCTTCATTGTTTACTG 17

RESULT 99
AX734206
LOCUS AX734206 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5840 from Patent WO03025175.
ACCESSION AX734206
VERSION AX734206.1 GI:30513549
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 5840 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 916 GGTCTTTGCTTTTATC 932
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Db 1 GATCTTTGCTTTTATC 17

RESULT 100
AX760901
LOCUS AX760901 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 4222 from Patent WO03040369.
ACCESSION AX760901
VERSION AX760901.1 GI:32255517
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 4222 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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/db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 903 GGTCAATTTCTTTGTC 919
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Db 1 GATCAATTTCTTTGGAC 17

RESULT 101
AX784020
LOCUS AX784020 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 2351 from Patent WO03050284.
ACCESSION AX784020
VERSION AX784020.1 GI:32951869
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2351 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCCTCATTTGTTTAAAT 953
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Db 1 CTCCTCATTTGTTTGTAT 17

RESULT 102
BD199177
LOCUS BD199177 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD199177
VERSION BD199177.1 GI:33008947
KEYWORDS JP 2002509721-A/2203.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 2203 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/2203
PD 02-APR-2002
PE 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAVELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule

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CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17 /organism="Homo sapiens (human)".
FT Location/Qualifiers
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Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CTTTTCCTCCCTCCTCT 940
Db 1 CATTTCCTCCCTCCTCT 17

RESULT 103
A97831 A97831 18 bp DNA linear PAT 26-JAN-2000
LOCUS A97831
DEFINITION Sequence 108 from Patent WO9914377.
ACCESSION A97831
VERSION A97831.1 GI:6781069
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Quint,W. and Kleter,B.
TITLE DETECTION AND IDENTIFICATION OF HUMAN PAPILLOMAVIRUS BY PCR AND
TYPE-SPECIFIC REVERSE HYBRIDIZATION
JOURNAL Patent: WO 9914377-A 108 25-MAR-1999;
INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCGCT 961
Db 1 TGGTTTAATGAATGTT 17

RESULT 104
AR063241 AR063241 18 bp DNA linear PAT 29-SEP-1999
LOCUS AR063241
DEFINITION Sequence 2 from patent US 5844110.
ACCESSION AR063241
VERSION AR063241.1 GI:5990932
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Gold,B.I.
TITLE Synthetic triple helix-forming compound precursors
JOURNAL Patent: US 5844110-A 2 01-DEC-1998;
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/organism="unassigned DNA"
/mol_type="unassigned DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CC participating in vasculogenic response
FH Key Location/Qualifiers
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FT Location/Qualifiers
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Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CTTTTCCTCCCTCCTCT 940
Db 1 CATTTCCTCCCTCCTCT 17

RESULT 103
A97831 A97831 18 bp DNA linear PAT 26-JAN-2000
LOCUS A97831
DEFINITION Sequence 108 from Patent WO9914377.
ACCESSION A97831
VERSION A97831.1 GI:6781069
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Quint,W. and Kleter,B.
TITLE DETECTION AND IDENTIFICATION OF HUMAN PAPILLOMAVIRUS BY PCR AND
TYPE-SPECIFIC REVERSE HYBRIDIZATION
JOURNAL Patent: WO 9914377-A 108 25-MAR-1999;
INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)
FEATURES
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/db_xref="taxon:32644"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCGCT 961
Db 1 TGGTTTAATGAATGTT 17

RESULT 104
AR063241 AR063241 18 bp DNA linear PAT 29-SEP-1999
LOCUS AR063241
DEFINITION Sequence 2 from patent US 5844110.
ACCESSION AR063241
VERSION AR063241.1 GI:5990932
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Gold,B.I.
TITLE Synthetic triple helix-forming compound precursors
JOURNAL Patent: US 5844110-A 2 01-DEC-1998;
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/mol_type="unassigned DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCCTTGGTCTTTC 924
Db 1 TTTTCCTTTCCTTTC 17

RESULT 105
AR254824 AR254824 18 bp DNA linear PAT 20-DEC-2002
LOCUS AR254824
DEFINITION Sequence 108 from patent US 6482568.
ACCESSION AR254824
VERSION AR254824.1 GI:27303872
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Van Doorn,L.-J., Quint,W., Kleter,B. and TerSchegget,J.
TITLE Detection and identification of human papillomavirus by PCR and
type-specific reverse hybridization
JOURNAL Patent: US 6482568-A 108 19-NOV-2002;
INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCGCT 961
Db 1 TGGTTTAATGAATGTT 17

RESULT 106
AR266277 AR266277 18 bp DNA linear PAT 10-APR-2003
LOCUS AR266277
DEFINITION Sequence 89 from patent US 6492173.
ACCESSION AR266277
VERSION AR266277.1 GI:29695123
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowser,T.L.M.
TITLE Antisense inhibition of cyclin D2 expression
JOURNAL Patent: US 6492173-A 89 10-DEC-2002;
INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)
FEATURES
source
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 914 TTGGTCTTTCCTTTTA 930
Db 18 TTGGTCTTTCCTTTTA 2

RESULT 107
AR294187 AR294187 18 bp DNA linear PAT 12-JUN-2003
LOCUS AR294187
DEFINITION Sequence 5922 from patent US 6537751.
ACCESSION AR294187
VERSION AR294187.1 GI:31681471
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)

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AUTHORS      Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE        Biallelic markers for use in constructing a high density
JOURNAL      disequilibrium map of the human genome
FEATURES     Patent: US 6537751-A 5922 25-MAR-2003;
SOURCE       Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match      16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 TTTATCCCTCTCTTCA 943
Db 17 TTTATCCCTCTCTTCA 1

RESULT 108
AR295441/c
LOCUS      AR295441      18 bp      DNA      linear      PAT 12-JUN-2003
DEFINITION Sequence 7176 from patent US 6537751.
ACCESSION AR295441
VERSION   AR295441.1 GI:31682725
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 18)
AUTHORS    Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE      Biallelic markers for use in constructing a high density
JOURNAL    disequilibrium map of the human genome
FEATURES   Patent: US 6537751-A 7176 25-MAR-2003;
SOURCE     Location/Qualifiers
1. 18
/organism="unknown"
/mol_type="genomic DNA"

Query Match      16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCATT 945
Db 17 TGTCCCTCTGTCTATT 1

RESULT 109
AR363596
LOCUS      AR363596      18 bp      DNA      linear      PAT 03-SEP-2003
DEFINITION Sequence 64 from patent US 5219727.
ACCESSION AR363596
VERSION   AR363596.1 GI:34425416
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 18)
AUTHORS    Wang,A.M., Doyle,M.V. and Mark,D.F.
TITLE      Quantitation of nucleic acids using the polymerase chain reaction
JOURNAL    Patent: US 5219727-A 64 15-JUN-1993;
FEATURES   Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match      16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 913 TTTGGTCTTTGCCTTTT 929
Db 1 TTTGGTCTTGTCTTAT 17

AUTHORS      Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE        Biallelic markers for use in constructing a high density
JOURNAL      disequilibrium map of the human genome
FEATURES     Patent: US 6537751-A 5922 25-MAR-2003;
SOURCE       Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match      16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 TTTATCCCTCTCTTCA 943
Db 17 TTTATCCCTCTCTTCA 1

RESULT 110
AX133014
LOCUS      AX133014      18 bp      DNA      linear      PAT 15-MAY-2001
DEFINITION Sequence 4232 from Patent WO0130362.
ACCESSION AX133014
VERSION   AX133014.1 GI:14139324
KEYWORDS
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  1
AUTHORS    Robbins,J.M. and Tritz,R.
TITLE      Ribozyme therapy for the treatment of proliferative skin and eye
JOURNAL    diseases
FEATURES   Patent: WO 0130362-A 4232 03-MAY-2001;
SOURCE     IMMUSOL, INC. (US)
1. 18
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc 2
kinase"

Query Match      16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCC 937
Db 2 TTGATTCTATCCCTCC 18

RESULT 111
AX133015
LOCUS      AX133015      18 bp      DNA      linear      PAT 15-MAY-2001
DEFINITION Sequence 4233 from Patent WO0130362.
ACCESSION AX133015
VERSION   AX133015.1 GI:14139325
KEYWORDS
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  1
AUTHORS    Robbins,J.M. and Tritz,R.
TITLE      Ribozyme therapy for the treatment of proliferative skin and eye
JOURNAL    diseases
FEATURES   Patent: WO 0130362-A 4233 03-MAY-2001;
SOURCE     IMMUSOL, INC. (US)
1. 18
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc 2
kinase"

Query Match      16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCCTCCT 938
Db 1 TGGATTCTATCCCTCCT 17

RESULT 112
AX133017
LOCUS      AX133017      18 bp      DNA      linear      PAT 15-MAY-2001
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DEFINITION Sequence 4235 from Patent WO0130362.
ACCESSION AX133017
VERSION AX133017.1 GI:14139327
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens

REFERENCE
AUTHORS Robbins,J.M. and Tritz,R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 4235 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES
source
1. .18
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc 2 kinase"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 TATCCCTCTCTTCATT 945
Db 2 TATCCCTCTCTGGTCAGT 18

RESULT 113
AX428709
LOCUS AX428709 18 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 108 from Patent EP1201771.
ACCESSION AX428709
VERSION AX428709.1 GI:21538620
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unclassified.

REFERENCE
AUTHORS Van Doorn,L.J., Kleter,B. and Ter Schegget,J.
TITLE Detection and identification of human papillomavirus by per and type-specific reverse hybridization
JOURNAL Patent: EP 1201771-A 108 02-MAY-2002;
INNOGENETICS N.V.(BE) ; Delfts Diagnostic laboratory B.V. (NL)
FEATURES
source
1. .18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAAATGATCGCT 961
Db 1 TGGTTTAAATGAATGTT 17

RESULT 114
AX659420
LOCUS AX659420 18 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 22 from Patent WO02102824.
ACCESSION AX659420
VERSION AX659420.1 GI:29161650
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
1

AUTHORS Beinforh,C. and Snaidr,J.
TITLE Method for specific fast detection of relevant bacteria in drinking water
JOURNAL Patent: WO 02102824-A 22 27-DEC-2002;
Vermicon AG (DE)
FEATURES
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 932 CCCTCCTCTTCATTGGT 948
Db 1 CACTCCTCTTACTTGGT 17

RESULT 115
AX708314
LOCUS AX708314 18 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 43 from Patent WO03004658.
ACCESSION AX708314
VERSION AX708314.1 GI:29564201
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
1
AUTHORS Koop,H.U., Muehlbauer,S., Klaus,S., Eibl,C., Huang,F.C. and Golds,T.J.
TITLE Gene expression in plasmids based on replicating vectors
JOURNAL Patent: WO 03004658-A 43 16-JAN-2003;
Icon Genetics AG (DE)
FEATURES
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 922 TGCCTTTTATCCCTCCT 938
Db 2 TGCCATGATCCCTCCT 18

RESULT 116
BD235036
LOCUS BD235036 15 bp DNA linear PAT 17-JUL-2003
DEFINITION A method for stimulating the immune system.
ACCESSION BD235036
VERSION BD235036.1 GI:33044806
KEYWORDS JP 2002517434-A/140.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1 (bases 1 to 15)
AUTHORS Schlingensiepen,K.H., Schlingensiepen,R. and Brysch,W.
TITLE A method for stimulating the immune system
JOURNAL Patent: JP 2002517434-A 140 18-JUN-2002;
BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT
OS Homo sapiens (human)
PN JP 2002517434-A/140
PD 18-JUN-2002
PF 10-JUN-1999 JP 2000553044

```


PR 10-JUN-1998 EP 98110709.7.25-JUL-1998 EP 98113974.4 PI
KARL HERMANN SCHLINGENSIEPEN, REIMAR SCHLINGENSIEPEN, WOLFGANG PI
BRYSCH
PC A61K45/06, A61K31/7088, A61K38/00, A61K39/395, A61K39/395, A61P31/
00, A61P35/00,
PC A61P35/02, A61P37/02, C12N15/09, A61K37/02, C12N15/00 CC A
method for stimulating the immune system
FH Key Location/Qualifiers
FT source 1..15
/organism='Homo sapiens (human)'.
FEATURES
source
1..15
Location/Qualifiers
/organism='Homo sapiens'
/mol_type='genomic DNA'
/db_xref='taxon:9606'

Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTCTCTTTGGCT 920
Db 2 TTCTCTTTGGCT 13

RESULT 117
AR192962
LOCUS AR192962 15 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 8450 from patent US 6346398.
ACCESSION AR192962
VERSION AR192962.1 GI:20238927
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 8450 12-FEB-2002;
FEATURES
source
1..15
Location/Qualifiers
/organism='unknown'
/mol_type='unassigned DNA'

Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 915 TGGTCTTTGGCT 926
Db 2 TGGTCTTTGGCT 13

RESULT 118
AR326704
LOCUS AR326704 15 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 4106 from patent US 6566127.
ACCESSION AR326704
VERSION AR326704.1 GI:33712512
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 4106 20-MAY-2003;
FEATURES
source
1..15
Location/Qualifiers
/organism='unknown'
/mol_type='unassigned RNA'

Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 915 TGGTCTTTGGCT 926
Db 2 TGGTCTTTGGCT 13

Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 915 TGGTCTTTGGCT 926
Db 2 TGGTCTTTGGCT 13

RESULT 119
AX009107
LOCUS AX009107 15 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 140 from Patent WO9963975.
ACCESSION AX009107
VERSION AX009107.1 GI:9996481
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Brysch, W., Schlingensiepen, K.H. and Schlingensiepen, R.
TITLE A method for stimulating the immune system
JOURNAL Patent: WO 9963975-A 140 16-DEC-1999;
HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE); SCHLINGENSIEPEN KARL (DE); BRYSCH WOLFGANG (DE);
BIOGNOSTIK GES (DE); SCHLINGENSIEPEN REIMAR (DE);
FEATURES
source
1..15
Location/Qualifiers
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'

Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTCTCTTTGGCT 920
Db 2 TTCTCTTTGGCT 13

RESULT 120
AR328268
LOCUS AR328268 16 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5670 from patent US 6566127.
ACCESSION AR328268
VERSION AR328268.1 GI:33714076
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5670 20-MAY-2003;
FEATURES
source
1..16
Location/Qualifiers
/organism='unknown'
/mol_type='unassigned RNA'

Query Match 16.4%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 915 TGGTCTTTGGCT 926
Db 3 TGGTCTTTGGCT 14

RESULT 121
AR186011

FEATURES	Location/Qualifiers
source	1..17 /organism="Mus musculus" /mol_type="unassigned DNA" /db_xref="taxon:10090"
Query Match	16.4%; Score 12; DB 1; Length 17;
Best Local Similarity	100.0%; Pred.No.1.5e+02;
Matches 12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
Qy	900 CTGGTCAATTT 911 4 CTGGTCAATTT 15
Db	
RESULT 129	PAT 31-AUG-2000
AR080716/c	linear
LOCUS	18 bp DNA
DEFINITION	Sequence 21 from patent US 5968826.
ACCESSION	AR080716
VERSION	AR080716.1 GI:10007446
KEYWORDS	Unknown.
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 18)
AUTHORS	Bennett,C.Frank., Condon,T.P. and Cowsert,L.M.
TITLE	Antisense inhibition of integrin .alpha.4 expression
JOURNAL	Patent: US 5968826-A 21 19-OCT-1999;
FEATURES	Location/Qualifiers
source	1..18 /organism="unknown" /mol_type="unassigned DNA"
Query Match	16.4%; Score 12; DB 1; Length 18;
Best Local Similarity	100.0%; Pred.No.1.6e+02;
Matches 12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
Qy	901 CTGTCATTTTC 912 12 CTGTCATTTTC 1
Db	
RESULT 130	PAT 17-OCT-2001
AR162699/c	linear
LOCUS	18 bp DNA
DEFINITION	Sequence 21 from patent US 6258790.
ACCESSION	AR162699
VERSION	AR162699.1 GI:16230023
KEYWORDS	Unknown.
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 18)
AUTHORS	Bennett,C.Frank., Condon,T.P. and Cowsert,L.M.
TITLE	Antisense modulation of integrin .alpha.4 expression
JOURNAL	Patent: US 6258790-A 21 10-JUL-2001;
FEATURES	Location/Qualifiers
source	1..18 /organism="unknown" /mol_type="unassigned DNA"
Query Match	16.4%; Score 12; DB 1; Length 18;
Best Local Similarity	100.0%; Pred.No.1.6e+02;
Matches 12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
Qy	901 CTGTCATTTTC 912 12 CTGTCATTTTC 1
Db	
RESULT 131	
BD227759/c	

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LOCUS      BD227759      18 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Antisense modulation of integrin alpha 4 expression.
ACCESSION  BD227759
VERSION    BD227759.1 GI:33037529
KEYWORDS   JP 2002526555-A/21.
SOURCE     synthetic construct
ORGANISM   artificial construct
REFERENCE  1 (bases 1 to 18)
AUTHORS    Bennett, F.C., Condon, T.P. and Cowse, L.M.
TITLE      Antisense modulation of integrin alpha 4 expression
JOURNAL    Patent: JP 2002526555-A 21 20-AUG-2002;
COMMENT    ISIS PHARMACEUTICALS INC
OS         Artificial Sequence
PN         JP 2002526555-A/21
PD         19-AUG-2002
PF         19-AUG-2002
PI         05-OCT-1998 US 09/166203
PR         FRANK C BENNETT, THOMAS P CONDON, LEX M COWSE, PC
CO7H21/04, A61K31/7115, A61K31/712, A61K31/7125, A61K48/00, A61P1/ PC
OO, A61P1/16,
PC         A61P3/00, A61P11/06, A61P25/28, A61P29/00, A61P35/00, PC
A61P35/04,
PC         A61P37/06, A61P43/00, C12N15/09, C12Q1/02, C12Q1/68, C12N15/00 CC
antisense sequence
FH         Key
FT         Location/Qualifiers
FT         1..18
FEATURES   source
            Location/Qualifiers
            1..18
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match      16.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  901 CTGGTCATTTTC 912
Db  12 CTGGTCATTTTC 1

RESULT 132
A88175 LOCUS      15 bp      DNA      linear      PAT 23-JAN-2000
DEFINITION Sequence 323 from Patent WO9833904.
ACCESSION  A88175
VERSION    A88175.1 GI:6736745
KEYWORDS   unidentified
SOURCE     unclassified.
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Brysch, W. and Schlingensiepen, K.
TITLE      AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL    Patent: WO 9833904-A 323 06-AUG-1998;
            BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES   source
            Location/Qualifiers
            1..15
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  933 CCTCCTCTTCATGG 947
Db  1 CCTCCTCTTCAGAGG 15

LOCUS      A90142      15 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION Sequence 323 from Patent EP0856579.
ACCESSION  A90142
VERSION    A90142.1 GI:6738656
KEYWORDS   unidentified
SOURCE     unclassified.
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Brysch, W.D. and Schlingensiepen, K.D.
TITLE      An antisense oligonucleotide preparation method
JOURNAL    Patent: EP 0856579-A 323 05-AUG-1998;
            BIOGNOSTIK GES (DE)
FEATURES   source
            Location/Qualifiers
            1..15
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  933 CCTCCTCTTCATGG 947
Db  1 CCTCCTCTTCAGAGG 15

LOCUS      A90142      15 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION  BD065688
VERSION    BD065688.1 GI:22611291
KEYWORDS   JP 2001511000-A/323.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Schlingensiepen, K.H. and Brysch, W.
TITLE      An antisense oligonucleotide preparation method
JOURNAL    Patent: JP 2001511000-A 323 07-AUG-2001;
            BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT     OS Unknown
            PN JP 2001511000-A/323
            PD 07-AUG-2001
            PF 30-JAN-1998 JP 1998532533
            PR 31-JAN-1997 EP 97101531.8
            PI KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
            PC C12N15/11, C07H21/04, A61K31/70
            CC An antisense oligonucleotide preparation method FH Key
            FT source
            FT 1..15
            Location/Qualifiers
            1..15
            /organism="Unknown".
            /organism="unidentified"
            /mol_type="genomic DNA"
            /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  933 CCTCCTCTTCATGG 947
Db  1 CCTCCTCTTCAGAGG 15

RESULT 135
A8436044 LOCUS      15 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION  BD065688
VERSION    BD065688.1 GI:22611291
KEYWORDS   JP 2001511000-A/323.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Schlingensiepen, K.H. and Brysch, W.
TITLE      An antisense oligonucleotide preparation method
JOURNAL    Patent: JP 2001511000-A 323 07-AUG-2001;
            BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT     OS Unknown
            PN JP 2001511000-A/323
            PD 07-AUG-2001
            PF 30-JAN-1998 JP 1998532533
            PR 31-JAN-1997 EP 97101531.8
            PI KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
            PC C12N15/11, C07H21/04, A61K31/70
            CC An antisense oligonucleotide preparation method FH Key
            FT source
            FT 1..15
            Location/Qualifiers
            1..15
            /organism="Unknown".
            /organism="unidentified"
            /mol_type="genomic DNA"
            /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  933 CCTCCTCTTCATGG 947
Db  1 CCTCCTCTTCAGAGG 15

RESULT 135
A8436044 LOCUS      15 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION  BD065688
VERSION    BD065688.1 GI:22611291
KEYWORDS   JP 2001511000-A/323.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Schlingensiepen, K.H. and Brysch, W.
TITLE      An antisense oligonucleotide preparation method
JOURNAL    Patent: JP 2001511000-A 323 07-AUG-2001;
            BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT     OS Unknown
            PN JP 2001511000-A/323
            PD 07-AUG-2001
            PF 30-JAN-1998 JP 1998532533
            PR 31-JAN-1997 EP 97101531.8
            PI KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
            PC C12N15/11, C07H21/04, A61K31/70
            CC An antisense oligonucleotide preparation method FH Key
            FT source
            FT 1..15
            Location/Qualifiers
            1..15
            /organism="Unknown".
            /organism="unidentified"
            /mol_type="genomic DNA"
            /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  933 CCTCCTCTTCATGG 947
Db  1 CCTCCTCTTCAGAGG 15

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LOCUS AR436044 16 bp RNA linear PAT 18-DEC-2003

DEFINITION Sequence 303 from patent US 6656731.

ACCESSION AR436044

VERSION AR436044.1 GI:40199128

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 16)

AUTHORS Eckstein,F., Ludwig,J. and Beigelman,L.

TITLE Nucleic acid catalysts with endonuclease activity

JOURNAL Patent: US 6656731-A 303 02-DEC-2003;

FEATURES

source Location/Qualifiers

1..16

/organism="unknown"

/mol_type="unassigned RNA"

Query Match 16.2%; Score 11.8; DB 1; Length 16;

Best Local Similarity 86.7%; Pred. No. 1.5e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 937 CTCTTCATTGGTTT 951

Db 2 CACTTCATTGGTTT 16

RESULT 136

A70341

LOCUS A70341 17 bp DNA linear PAT 07-MAY-1999

DEFINITION Sequence 8 from Patent WO9810080.

ACCESSION A70341

VERSION A70341.1 GI:4774634

KEYWORDS

SOURCE unidentified

ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)

AUTHORS Ledebor,A.M., Kok,J., Venema,G. and Sanders,J.W.

TITLE SALT-INDUCIBLE PROMOTER DERIVABLE FROM A LACTIC ACID BACTERIUM, AND ITS USE IN A LACTIC ACID BACTERIUM FOR PRODUCTION OF A DESIRED PROTEIN

JOURNAL Patent: WO 9810080-A 8 12-MAR-1998;

UNILEVER PLC (GB)

FEATURES

source Location/Qualifiers

1..17

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

/clone="PRIMER NS3-10"

Query Match 16.2%; Score 11.8; DB 1; Length 17;

Best Local Similarity 86.7%; Pred. No. 1.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 936 CCTCTTCATTGGTTT 950

Db 1 CCGCTTCAATGGTTT 15

RESULT 137

AR117158

LOCUS AR117158 17 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 8 from patent US 6140078.

ACCESSION AR117158

VERSION AR117158.1 GI:14098064

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)

AUTHORS Sanders,J.W., Kok,J., Venema,G. and Ledebor,A.M.

TITLE Salt-inducible promoter derivable from a lactic acid bacterium, and its use in a lactic acid bacterium for production of a desired

protein

Patent: US 6140078-A 8 31-OCT-2000;

Location/Qualifiers

1..17

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 16.2%; Score 11.8; DB 1; Length 17;

Best Local Similarity 86.7%; Pred. No. 1.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 936 CCTCTTCATTGGTTT 950

Db 1 CCGCTTCAATGGTTT 15

RESULT 138

BD244486/c

LOCUS BD244486 17 bp DNA linear PAT 17-JUL-2003

DEFINITION New triplex forming oligonucleotides and their use in anti-HBV.

ACCESSION BD244486

VERSION BD244486.1 GI:33054256

KEYWORDS JP 2002511384-A/4.

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 17)

AUTHORS Lu,C.

TITLE New triplex forming oligonucleotides and their use in anti-HBV

JOURNAL Patent: JP 2002511384-A 4 16-APR-2002;

SHANGHAI INSTITUTE OF BIOCHEMISTRY CHINESE ACADEMY OF SCIENCES

OS Artificial Sequence

PN JP 2002511384-A/4

PD 16-APR-2002

PF 19-OCT-1998 JP 2000516982

FR 21-OCT-1997 CN 97 1 06667.1

PI CHANGE LU

PC A61K31/711,A61K48/00,A61P31/20,C12N15/09,C12N15/00 CC

Description of Artificial Sequence: Triplex forming CC oligonucleotide

CC This oligo may or may not be 3'-monophosphorylated FH Key

JOURNAL Location/Qualifiers

1..17

/organism="Artificial Sequence".

FEATURES

source Location/Qualifiers

1..17

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 16.2%; Score 11.8; DB 1; Length 17;

Best Local Similarity 86.7%; Pred. No. 1.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 931 TCCCTCCTCTTCATT 945

Db 15 TCCCTCCTCTCTCCTT 1

RESULT 139

BD259598

LOCUS BD259598 17 bp DNA linear PAT 17-JUL-2003

DEFINITION Regulation of repressor genes using nucleic acid molecules.

ACCESSION BD259598

VERSION BD259598.1 GI:33069368

KEYWORDS JP 2002541795-A/7391.

SOURCE unidentified

ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)

AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.

TITLE Regulation of repressor genes using nucleic acid molecules

JOURNAL Patent: JP 2002541795-A 7391 10-DEC-2002;

COMMENT RIBOZYME PHARMACEUTICALS INC
OS Eukaryote
PN JP 2002541795-A/7391
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
C12P21/02,
PC
C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
C12R1:91),
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
PC A61K37/02,
PC (C12N5/00, C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key source Location/Qualifiers
FT source 1..17
FT /organism='Eukaryote'.
FEATURES
source Location/Qualifiers
1..17
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 919 CTTTGCCTTTATCC 933
DB 1 CTTTGCCTTTGTC 15
RESULT 140
LOCUS AR186386 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 1874 from patent US 6346398.
ACCESSION AR186386
VERSION AR186386.1 GI:20232351
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1874 12-FEB-2002;
FEATURES
source Location/Qualifiers
1..17
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 924 CTTTATCCCTCT 938
DB 3 CCTATTACCTCT 17
RESULT 141
LOCUS AR323017 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 419 from patent US 6566127.
ACCESSION AR323017
VERSION AR323017.1 GI:33708825
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 419 20-MAY-2003;
FEATURES
source Location/Qualifiers
1..17
/organism='unknown'
/mol_type='unassigned RNA'
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 924 CTTTATCCCTCT 938
DB 3 CCTATTACCTCT 17
RESULT 142
LOCUS AX217394 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 2836 from Patent WO0159103.
ACCESSION AX217394
VERSION AX217394.1 GI:15527455
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
JOURNAL Patent: WO 0159103-A 2836 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
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/organism='synthetic construct'
/mol_type='unassigned RNA'
/db_xref='taxon:32630'
/note='Nucleic Acid'
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 915 TGGTCTTTCCTTT 929
DB 3 TGATCTTTCCTTCT 17
RESULT 143
LOCUS AX217395 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 2837 from Patent WO0159103.
ACCESSION AX217395
VERSION AX217395.1 GI:15527456
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
JOURNAL Patent: WO 0159103-A 2837 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
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/organism='synthetic construct'
/mol_type='unassigned RNA'

DB	17	TGGTCTTTGACCTTGT	3
db	17	TGGTCTTTGACCTTGT	3
RESULT 146			
LOCUS	AX782443/c		
DEFINITION	Sequence 774 from Patent WO03050284.	17 bp	DNA
ACCESSION	AX782443		
VERSION	AX782443.1	GI:32950292	
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
REFERENCE	Guo, J.		
AUTHORS	Human prostate cancer candidate protein 1		
TITLE	Patent: WO 03050284-A 774 19-JUN-2003;		
JOURNAL	Amersham Biosciences (SV) Corp. (US)		
FEATURES	Location/Qualifiers		
source	1..17		
	/organism="Homo sapiens"		
	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	16.2%;	Score 11.8;	DB 1;
Best Local Similarity	86.7%;	Pred. No. 1.6e+02;	
Matches	13;	Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	933	CCTCTCTTTCATTGG	947
Db	17	CTTCTCTTTCATTGG	3
RESULT 147			
LOCUS	AX782444/c		
DEFINITION	Sequence 775 from Patent WO03050284.	17 bp	DNA
ACCESSION	AX782444		
VERSION	AX782444.1	GI:32950293	
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
REFERENCE	Guo, J.		
AUTHORS	Human prostate cancer candidate protein 1		
TITLE	Patent: WO 03050284-A 775 19-JUN-2003;		
JOURNAL	Amersham Biosciences (SV) Corp. (US)		
FEATURES	Location/Qualifiers		
source	1..17		
	/organism="Homo sapiens"		
	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	16.2%;	Score 11.8;	DB 1;
Best Local Similarity	86.7%;	Pred. No. 1.6e+02;	
Matches	13;	Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	933	CCTCTCTTTCATTGG	947
Db	16	CTTCTCTTTCATTGG	2
RESULT 148			
LOCUS	AX782445/c		
DEFINITION	Sequence 776 from Patent WO03050284.	17 bp	DNA
ACCESSION	AX782445		
VERSION	AX782445.1	GI:32950294	
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
REFERENCE	Guo, J.		
AUTHORS	Human prostate cancer candidate protein 1		
TITLE	Patent: WO 03050284-A 776 19-JUN-2003;		
JOURNAL	Amersham Biosciences (SV) Corp. (US)		
FEATURES	Location/Qualifiers		
source	1..17		
	/organism="Homo sapiens"		
	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	16.2%;	Score 11.8;	DB 1;
Best Local Similarity	86.7%;	Pred. No. 1.6e+02;	
Matches	13;	Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	933	CCTCTCTTTCATTGG	947
Db	16	CTTCTCTTTCATTGG	2
RESULT 149			
LOCUS	AX782446/c		
DEFINITION	Sequence 777 from Patent WO03050284.	17 bp	DNA
ACCESSION	AX782446		
VERSION	AX782446.1	GI:32950295	
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
REFERENCE	Guo, J.		
AUTHORS	Human prostate cancer candidate protein 1		
TITLE	Patent: WO 03050284-A 777 19-JUN-2003;		
JOURNAL	Amersham Biosciences (SV) Corp. (US)		
FEATURES	Location/Qualifiers		
source	1..17		
	/organism="Homo sapiens"		
	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	16.2%;	Score 11.8;	DB 1;
Best Local Similarity	86.7%;	Pred. No. 1.6e+02;	
Matches	13;	Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	933	CCTCTCTTTCATTGG	947
Db	16	CTTCTCTTTCATTGG	2

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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 776 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCTCTTCATTGG 947
DB 15 CTCTCTCTTCATTGG 1

RESULT 149
BD201346
LOCUS 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD201346
VERSION BD201346.1 GI:33011116
KEYWORDS JP 2002509721-A/4372.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 4372 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/4372
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
FT /organism="Homo sapiens (human)".
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGATC 958
DB 3 TTGGTTTAAATCAATC 17

RESULT 151
BD201347
LOCUS 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 72 from patent US 6107092.
ACCESSION AR106911
VERSION AR106911
KEYWORDS AR106911.1 GI:12821441
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLE Consert,L.M., Bennett,C.Frank. and O'Malley,B.W.
JOURNAL Antisense modulation of SRA expression
JOURNAL Patent: US 6107092-A 72 22-AUG-2000;
FEATURES Location/Qualifiers
source
1..18
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;

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Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATGGT 949
Db 2 TTCTCTTCATGGCT 16

RESULT 152
AR156048/c
LOCUS AR156048 18 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 21 from patent US 6239327.
ACCESSION AR156048
VERSION AR156048.1 GI:15124101
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 18)
AUTHORS Grossniklaus,U. and Vielle-Calzada,J.-P.
TITLE Seed specific polycarb group gene and methods of use for same
JOURNAL Patent: US 6239327-A 21-29-MAY-2001;
FEATURES
Location/Qualifiers
source
1..18
/mol_type="unassigned DNA"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 CCCTTTATCCCTCT 938
Db 17 CCCTTCTCCCTCT 3

RESULT 153
AR211241/c
LOCUS AR211241 18 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 154 from patent US 6399297.
ACCESSION AR211241
VERSION AR211241.1 GI:21514511
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 18)
AUTHORS Baker,B.F., Cowser,L.M., Monia,B.P. and Xu,X.S.
TITLE Antisense modulation of expression of tumor necrosis factor
receptor-associated factors (TRAFs)
JOURNAL Patent: US 6399297-A 154 04-JUN-2002;
FEATURES
Location/Qualifiers
source
1..18
/mol_type="unassigned DNA"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 909 TTCTCTTGGCTTTG 923
Db 16 TTCTCTTGGACTTG 2

RESULT 154
AR294885
LOCUS AR294885 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 6620 from patent US 6537751.
ACCESSION AR294885
VERSION AR294885.1 GI:31692169
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
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Unclassified.
1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 6620 25-MAR-2003;
FEATURES
Location/Qualifiers
source
1..18
/mol_type="genomic DNA"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 903 GGTCAATTTCTTTGG 917
Db 4 GGACATTTTCATGG 18

RESULT 155
AX060752
LOCUS AX060752 18 bp DNA linear PAT 22-JAN-2001
DEFINITION Sequence 40 from Patent WO0078972.
ACCESSION AX060752
VERSION AX060752.1 GI:12406139
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1
AUTHORS Lawn,R.M., Wade,D. and Garvin,M.
TITLE Regulation with binding cassette transporter protein abcl
JOURNAL Patent: WO 0078972-A 40 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
FEATURES
Location/Qualifiers
source
1..18
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="ABCl sequencing primer"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 938 TCTTCATTTGGTTAA 952
Db 4 TCTTCATTTGTTGA 18

RESULT 156
AX060931
LOCUS AX060931 18 bp DNA linear PAT 22-JAN-2001
DEFINITION Sequence 40 from Patent WO0078971.
ACCESSION AX060931
VERSION AX060931.1 GI:12406306
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1
AUTHORS Lawn,R.M., Wade,D., Oram,J.F. and Garvin,M.
TITLE Atp binding cassette transporter protein abcl polypeptides
JOURNAL Patent: WO 0078971-A 40 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
FEATURES
Location/Qualifiers
source
1..18
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="ABCl sequencing primer"
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Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCCTCATTTGGTTTAA 952
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 Db 4 TCCTCATTTGGTTTGA 18

RESULT 157

AX599379
 LOCUS AX599379 18 bp DNA linear PAT 14-FEB-2003
 DEFINITION Sequence 719 from Patent WO02077272.
 ACCESSION AX599379
 VERSION AX599379.1 GI:28399523
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Berlin,K., Braun,A., Distler,J., Guetig,D., Howe,A., Mueller,J., Olek,A., Piepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Leu,E., Lewin,A., Lipscher,E., Maier,S., Model,F., Mueller,V., Otto,T., Pelet,C. and Ziebarth,H.
 TITLE Methods and nucleic acids for the analysis of hematopoietic cell

JOURNAL proliferative disorders
 PATENT: WO 02077272-A 719 03-OCT-2002;
 Epigenomics AG (DE)

FEATURES
 Location/Qualifiers
 source 1..18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Detection oligonucleotide for CDKN2a"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCG 959
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 Db 1 TTGTTTAACGTATCG 15

RESULT 158

AX599380
 LOCUS AX599380 18 bp DNA linear PAT 14-FEB-2003
 DEFINITION Sequence 720 from Patent WO02077272.
 ACCESSION AX599380
 VERSION AX599380.1 GI:28399524
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Berlin,K., Braun,A., Distler,J., Guetig,D., Howe,A., Mueller,J., Olek,A., Piepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Leu,E., Lewin,A., Lipscher,E., Maier,S., Model,F., Mueller,V., Otto,T., Pelet,C. and Ziebarth,H.
 TITLE Methods and nucleic acids for the analysis of hematopoietic cell

JOURNAL proliferative disorders
 PATENT: WO 02077272-A 720 03-OCT-2002;
 Epigenomics AG (DE)

FEATURES
 Location/Qualifiers
 source 1..18
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Detection oligonucleotide for CDKN2a"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCG 959
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 Db 1 TTGTTTAATGATTCG 15

RESULT 159

AX767769
 LOCUS AX767769 18 bp DNA linear PAT 02-JUL-2003
 DEFINITION Sequence 417 from Patent WO03044226.
 ACCESSION AX767769
 VERSION AX767769.1 GI:32436455
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Burger,M., Caldwell,C., Genc,B., Becker,E., Maier,S. and Nimrich,I.
 TITLE Method and nucleic acids for the analysis of a lymphoid cell

JOURNAL proliferative disorder
 PATENT: WO 03044226-A 417 30-MAY-2003;
 Epigenomics AG (DE)

FEATURES
 Location/Qualifiers
 source 1..18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Detection oligonucleotide for CDKN2a"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCG 959
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 Db 1 TTGTTTAACGTATCG 15

RESULT 160

AX767770
 LOCUS AX767770 18 bp DNA linear PAT 02-JUL-2003
 DEFINITION Sequence 418 from Patent WO03044226.
 ACCESSION AX767770
 VERSION AX767770.1 GI:32436456
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Burger,M., Caldwell,C., Genc,B., Becker,E., Maier,S. and Nimrich,I.
 TITLE Method and nucleic acids for the analysis of a lymphoid cell

JOURNAL proliferative disorder
 PATENT: WO 03044226-A 418 30-MAY-2003;
 Epigenomics AG (DE)

FEATURES
 Location/Qualifiers
 source 1..18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Detection oligonucleotide for CDKN2a"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCG 959
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 Db 1 TTGTTTAATGATTCG 15

RESULT 161

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AX796241
LOCUS       AX796241               18 bp    DNA
DEFINITION   Sequence 584 from Patent WO03052135.
ACCESSION   AX796241
VERSION     AX796241.1 GI:37516907
KEYWORDS    .
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
ORIGIN      1
REFERENCE   1
AUTHORS     Burger,M., Field,J.K., Genc,B., Liloglou,T., Lipscher,E., Maier,S.
            and Nimrich,I.
TITLE       Method and nucleic acids for the analysis of a lung cell
JOURNAL     Proliferative disorder
            Patent: WO 03052135-A 584 26-JUN-2003;
            Epigenomics AG (DE)
FEATURES    Location/Qualifiers
             1..18
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="Detection oligonucleotide for CDKN2a"
Query Match      16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      945 TGGTTTAATGATCG 959
Db      1 TTGTTTAACGTATCG 15

RESULT 162
AX796242
LOCUS       AX796242               18 bp    DNA
DEFINITION   Sequence 585 from Patent WO03052135.
ACCESSION   AX796242
VERSION     AX796242.1 GI:37516908
KEYWORDS    .
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
ORIGIN      1
REFERENCE   1
AUTHORS     Burger,M., Field,J.K., Genc,B., Liloglou,T., Lipscher,E., Maier,S.
            and Nimrich,I.
TITLE       Method and nucleic acids for the analysis of a lung cell
JOURNAL     Proliferative disorder
            Patent: WO 03052135-A 585 26-JUN-2003;
            Epigenomics AG (DE)
FEATURES    Location/Qualifiers
             1..18
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="Detection oligonucleotide for CDKN2a"
Query Match      16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      945 TGGTTTAATGATCG 959
Db      1 TTGTTTAATGATCG 15

RESULT 163
BD225019/c
LOCUS       BD225019/c             18 bp    DNA
DEFINITION   Antisense modulation of expression of tumor necrosis factor
            receptor-associated factor (TRAF).
ACCESSION   BD225019
VERSION     BD225019.1 GI:33034789
KEYWORDS    JP 2002526095-A/154.

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SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Baker,B.F., Cowsett,L.M., Monia,B.P. and Xu,X.S.
TITLE       Antisense modulation of expression of tumor necrosis factor
            receptor-associated factor (TRAF)
JOURNAL     Patent: JP 2002526095-A 154 20-AUG-2002;
            ISIS PHARMACEUTICALS INC
COMMENT     OS Artificial Sequence
            PD 20-AUG-2002
            PF 05-OCT-1999 JP 2000574546
            PR 06-OCT-1998 US 09/167109
            PI BRENDA F BAKER, LEX M COMSERT, BRETT P MONIA, XIAOXING S XU PC
            C12N15/09; A61K31/7105; A61K48/00; A61F29/00; A61F35/04; C12N15/00 CC
FEATURES    Location/Qualifiers
             FH Key
             FT source
             1..18
             /organism="Artificial Sequence".
             /organism="synthetic construct"
             /mol_type="genomic DNA"
             /db_xref="taxon:32630"
Query Match      16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      909 TTCTTTGGTCTTTG 923
Db      16 TTCTCTGGACTTTG 2

RESULT 164
HSRETPO11
LOCUS       H.sapiens Ret Proto-Oncogene, Intron 11 (3').
DEFINITION   X79751
ACCESSION   X79751
VERSION     X79751.1 GI:601962
KEYWORDS    Intron; ret gene; ret proto-oncogene.
SOURCE      Homo sapiens (human)
ORIGIN      1
REFERENCE   1
AUTHORS     Mulligan,L.M., Eng,C., Attie,T., Lyonnet,S., Marsh,D.J.,
            Hyland,V.J., Robinson,B.G., Filling,A., Verellen-Dumoulin,C.,
            Safar,A., Venter,D.J., Munnich,A. and Ponder,B.A.J.
TITLE       Diverse phenotypes associated with exon 10 mutations of the RET
            proto-oncogene
JOURNAL     Hum. Mol. Genet. 3 (12), 2163-2167 (1994)
MEDLINE     95187155
PUBMED      7881414
REFERENCE   2 (bases 1 to 18)
AUTHORS     Eng,C.
TITLE       Direct Submission
JOURNAL     Submitted (14-JUN-1994) C. Eng, University of Cambridge, Dept of
            Pathology, Tennis Court Road, Cambridge CB2 1QP, UK
FEATURES    Location/Qualifiers
             1..18
             /organism="Homo sapiens"
             /mol_type="genomic DNA"
             /isolate="CR3"
             /db_xref="taxon:9606"
             /chromosome="10"
             /map="q11.2"
             /germline
             1..18
             /gene="RET"
             <1..18
             /gene="RET"
gene
intron

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/note="3", end"
/number=11

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 928 TTATCCCTCCCTTC 942
| | | | | | | | | |
Db 2 TTTTCCCCCTTC 16

RESULT 165
AX724242
LOCUS AX724242 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1929 from Patent WO03025176.
ACCESSION AX724242
VERSION AX724242.1 GI:30503585
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
REFERENCE 1
AUTHORS Telerman, A., Anson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 1929 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

Query Match 15.9%; Score 11.6; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 1.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 918 TCTTTGCTTTT 929
| | | | | | | | | |
Db 6 TCTTTGCTTTT 17

RESULT 166
AR135855/c
LOCUS AR135855 15 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 57 from patent US 6136568.
ACCESSION AR135855
VERSION AR135855.1 GI:14476527
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Hiatt, A.C. and Rose, F.D.
TITLE De novo polynucleotide synthesis using rolling templates
JOURNAL Patent: US 6136568-A 57 24-OCT-2000;
FEATURES
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 15.6%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCCTCCTCTTCA 943
| | | | | | | | | |
Db 15 TGCCTCCTCTTCA 3

RESULT 167
E32328
LOCUS E32328 15 bp DNA linear PAT 18-JUN-2001

DEFINITION Species-specific detection method for trichosporon and novel
polynucleotide.
ACCESSION E32328
VERSION E32328.1 GI:13022244
KEYWORDS JP 2000060564-A/96.
SOURCE Trichosporon aquatile
ORGANISM Trichosporon aquatile

Eukaryota; Fungi; Basidiomycota; Hymenomycetes;
Heterobasidiomycetes; Tremellomycetidae; Trichosporonales;
Trichosporon.
REFERENCE 1 (bases 1 to 15)
AUTHORS Takashi, S., Akemi, N. and Takako, S.
TITLE Species-specific detection method for trichosporon and novel
polynucleotide
JOURNAL Patent: JP 2000060564-A 96 29-FEB-2000;
IATRON LAB INC
COMMENT OS Trichosporon aquatile
PN JP 2000060564-A/96
PD 29-FEB-2000
PF 24-AUG-1998 JP 1998237060
PR

PI TAKASHI SUGITA, AKEMI NISHIKAWA, TAKAKO SHINODA PC
C12N15/09, C12Q1/04, C12Q1/68// (C12N15/09, C12R1.645), C12N15/00, PC
C12N15/00, C12R1.645)
CC
FT Key Location/Qualifiers
FT source 1..15
/organism="Trichosporon aquatile".
FEATURES
source
1..15
Location/Qualifiers
/organism="Trichosporon aquatile"
/mol_type="genomic DNA"
/db_xref="taxon:82512"

Query Match 15.6%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 940 TTCATTGGCTTAA 952
| | | | | | | | | |
Db 1 TTCATTGGCTTAA 13

RESULT 168
I35109
LOCUS I35109 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 77 from patent US 5599706.
ACCESSION I35109
VERSION I35109.1 GI:2088077
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb, D.T., McSwiggen, J., Newton, R.S. and Ramharack, R.
TITLE Ribozymes targeted to apo(a) mRNA
JOURNAL Patent: US 5599706-A 77 04-FEB-1997;
FEATURES
source
1..15
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 15.6%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CTCCTCTCTTCA 945
| | | | | | | | | |
Db 2 CATCTCTTCA 14

RESULT 169
LOCUS I35110 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 78 from patent US 5599706.
ACCESSION I35110
VERSION I35110.1 GI:2088078
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., McSwiggen,J., Newton,R.S. and Ramharack,R.
TITLE Ribozymes targeted to apo(a) mRNA
JOURNAL Patent: US 559706-A 78 04-FEB-1997;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.6%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 935 TCCTCTTCATGG 947
Db 2 TCCTCTTCATGG 14
RESULT 170
LOCUS AX217393 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 2835 from Patent WO0159103.
ACCESSION AX217393
VERSION AX217393.1 GI:15527454
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
Patent: WO 0159103-A 2835 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES Location/Qualifiers
source
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 915 TGGTCTTTGCCTT 927
Db 5 TGATCTTTGCCTT 17
RESULT 171
LOCUS AX217760 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3202 from Patent WO0159103.
ACCESSION AX217760
VERSION AX217760.1 GI:15527821
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1

AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
Patent: WO 0159103-A 3202 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES Location/Qualifiers
source
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 915 TGGTCTTTGCCTT 927
Db 4 TGATCTTTGCCTT 16
RESULT 172
LOCUS AX324445 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 583 from Patent WO0192512.
ACCESSION AX324445
VERSION AX324445.1 GI:18095198
KEYWORDS
SOURCE Lycopersicon esculentum (tomato)
ORGANISM Lycopersicon esculentum
REFERENCE 1
AUTHORS Kmiec,E.B., Camper,H.B., Rice,M.C. and Kim,J.
TITLE Targeted chromosomal genomic alterations in plants using modified
JOURNAL single stranded oligonucleotides
Patent: WO 0192512-A 583 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES Location/Qualifiers
source
1..17
/organism="Lycopersicon esculentum"
/mol_type="unassigned DNA"
/db_xref="taxon:4081"
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 939 CTTTCATTGGTTTA 951
Db 3 CTTTCATTGGTTTA 15
RESULT 173
LOCUS AX324446/C 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 584 from Patent WO0192512.
ACCESSION AX324446
VERSION AX324446.1 GI:18095199
KEYWORDS
SOURCE Lycopersicon esculentum (tomato)
ORGANISM Lycopersicon esculentum
REFERENCE 1
AUTHORS Kmiec,E.B., Camper,H.B., Rice,M.C. and Kim,J.
TITLE Targeted chromosomal genomic alterations in plants using modified
JOURNAL single stranded oligonucleotides
Patent: WO 0192512-A 584 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)


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AX724485
LOCUS AX724485 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2172 from Patent WO03025176.
ACCESSION AX724485
VERSION AX724485.1 GI:30503828
KEYWORDS Mus musculus (house mouse)
SOURCE
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 2172 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1.17
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 933 CCTCTCTTCATT 945
Db 4 CCTCATCTTCATT 16
RESULT 179
AX731485/c
LOCUS AX731485 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3119 from Patent WO03025175.
ACCESSION AX731485
VERSION AX731485.1 GI:30510828
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3119 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 919 CTTTGCCCTTTAT 931
Db 17 CTTTGCCCTTTAT 5
RESULT 180
AX733691
LOCUS AX733691 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5325 from Patent WO03025175.
ACCESSION AX733691
VERSION AX733691.1 GI:30513034
KEYWORDS Homo sapiens (human)
SOURCE
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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 5325 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 935 TCCTCTTCATTGG 947
Db 3 TCCTCTTCATTGG 15
RESULT 181
AX735593
LOCUS AX735593 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1183 from Patent WO03025177.
ACCESSION AX735593
VERSION AX735593.1 GI:30514870
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1183 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 930 ATCCCTCCTCTTC 942
Db 2 ATCCCTCCTCTTC 14
RESULT 182
AX737863/c
LOCUS AX737863 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3453 from Patent WO03025177.
ACCESSION AX737863
VERSION AX737863.1 GI:30517151
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
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thereof as medicaments
JOURNAL Patent: WO 03025177-A 3453 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
    source 1..17 /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTTTGG 917
Db 16 TCATTCGCTTGTG 4

RESULT 183
AX738777 LOCUS AX738777 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4367 from Patent WO03025177.
ACCESSION AX738777
VERSION AX738777.1 GI:30518067
KEYWORDS Homo sapiens (human)
SOURCE ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 Telerman,A., Anson,R. and Tuijnder,M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4367 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
    source 1..17 /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTCG 947
Db 3 TCCTCTTCATTCG 15

RESULT 184
AX739420/c LOCUS AX739420 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5010 from Patent WO03025177.
ACCESSION AX739420
VERSION AX739420.1 GI:30518717
KEYWORDS Homo sapiens (human)
SOURCE ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 Telerman,A., Anson,R. and Tuijnder,M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 5010 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
    source 1..17 /organism="Homo sapiens"
        /mol_type="unassigned DNA"

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Db		3	TCTTTGGTCTGG	15	
RESULT 187					
AX761473					
LOCUS					
DEFINITION					
ACCESSION					
VERSION					
KEYWORDS					
SOURCE					
ORGANISM					
REFERENCE					
AUTHORS					
TITLE					
JOURNAL					
FEATURES					
source					
1..17					
/organism="Homo sapiens"					
/mol_type="unassigned DNA"					
/db_xref="taxon:9606"					
Query Match					
Best Local Similarity					
Matches					
LOCUS					
DEFINITION					
ACCESSION					
VERSION					
KEYWORDS					
SOURCE					
ORGANISM					
REFERENCE					
AUTHORS					
TITLE					
JOURNAL					
FEATURES					
source					
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/organism="Homo sapiens"					
/mol_type="unassigned DNA"					
/db_xref="taxon:9606"					
Query Match					
Best Local Similarity					
Matches					
LOCUS					
DEFINITION					
ACCESSION					
VERSION					
KEYWORDS					
SOURCE					
ORGANISM					
REFERENCE					
AUTHORS					
TITLE					
JOURNAL					
FEATURES					
source					
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/organism="Homo sapiens"					
/mol_type="unassigned DNA"					
/db_xref="taxon:9606"					
Query Match					
Best Local Similarity					
Matches					
LOCUS					
DEFINITION					
ACCESSION					
VERSION					
KEYWORDS					
SOURCE					
ORGANISM					
REFERENCE					
AUTHORS					
TITLE					
JOURNAL					
FEATURES					
source					
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/organism="Homo sapiens"					
/mol_type="unassigned DNA"					
/db_xref="taxon:9606"					
Query Match					
Best Local Similarity					
Matches					
LOCUS					
DEFINITION					
ACCESSION					
VERSION					
KEYWORDS					
SOURCE					
ORGANISM					
REFERENCE					
AUTHORS					
TITLE					
JOURNAL					
FEATURES					
source					
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/organism="Homo sapiens"					
/mol_type="unassigned DNA"					
/db_xref="taxon:9606"					
Query Match					
Best Local Similarity					
Matches					
LOCUS					
DEFINITION					
ACCESSION					
VERSION					
KEYWORDS					
SOURCE					
ORGANISM					
REFERENCE					
AUTHORS					
TITLE					
JOURNAL					
FEATURES					
source					
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/organism="Homo sapiens"					
/mol_type="unassigned DNA"					
/db_xref="taxon:9606"					
Query Match					
Best Local Similarity					
Matches					
LOCUS					
DEFINITION					
ACCESSION					
VERSION					
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ORGANISM					
REFERENCE					
AUTHORS					
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/organism="Homo sapiens"					
/mol_type="unassigned DNA"					
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Query Match					
Best Local Similarity					
Matches					
LOCUS					
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ACCESSION					
VERSION					
KEYWORDS					
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ORGANISM					
REFERENCE					
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KEYWORDS					

TITLE Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 2200 02-APR-2002;
COMMENT RIBOZYME PHARMACEUTICALS INC
 OS Homo sapiens (human)
 PN JP 2002509721-A/2200
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PI JAMES A MCSWIGGEN
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 C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
 A61P29/00,
 PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
 C12N5/00
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 CC concerning molecule
 CC participating in vasculogenic response
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 Best Local Similarity 92.3%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 924 CCTTTATCCCTC 936
 DB 5 CATTTATCCCTC 17
 RESULT 192
 BD199175
 LOCUS 17 bp RNA linear PAT 17-JUL-2003
 DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
 ACCESSION BD199175.1 GI:33008945
 VERSION JP 2002509721-A/2201.
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 17)
 Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
 Patent: JP 2002509721-A 2201 02-APR-2002;
 RIBOZYME PHARMACEUTICALS INC
 OS Homo sapiens (human)
 PN JP 2002509721-A/2201
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PI JAMES A MCSWIGGEN
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 A61P29/00,
 PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
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 CC concerning molecule
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 RESULT 192
 BD199175
 LOCUS 17 bp RNA linear PAT 17-JUL-2003
 DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
 ACCESSION BD199175
 VERSION JP 2002509721-A/2201.
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
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 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
 Patent: JP 2002509721-A 2201 02-APR-2002;
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 PN JP 2002509721-A/2201
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
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 A61P29/00,
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 QY 924 CCTTTATCCCTC 936
 DB 4 CATTTATCCCTC 16
 RESULT 193
 BD199176
 LOCUS 17 bp RNA linear PAT 17-JUL-2003
 DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
 ACCESSION BD199176.1 GI:33008946
 VERSION JP 2002509721-A/2202.
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 17)
 Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
 Patent: JP 2002509721-A 2202 02-APR-2002;
 RIBOZYME PHARMACEUTICALS INC
 OS Homo sapiens (human)
 PN JP 2002509721-A/2202
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PI JAMES A MCSWIGGEN
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 C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
 A61P29/00,
 PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
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 CC participating in vasculogenic response
 FH Key Location/Qualifiers
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 FT /organism='Homo sapiens (human)'.
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 /db_xref='taxon:9606'
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 Best Local Similarity 92.3%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 924 CCTTTATCCCTC 936
 DB 3 CATTTATCCCTC 15
 RESULT 194
 BD200682
 LOCUS 17 bp RNA linear PAT 17-JUL-2003
 DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
 ACCESSION BD200682
 VERSION BD200682.1 GI:33010452

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KEYWORDS      JP 2002509721-A/3708.
SOURCE        Homo sapiens (human)
ORGANISM      Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

REFERENCE     1 (bases 1 to 17)
AUTHORS      Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE        Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response
JOURNAL       Patent: JP 2002509721-A 3708 02-APR-2002;
              RIBOZYME PHARMACEUTICALS INC
COMMENT       OS Homo sapiens (human)
              PN JP 2002509721-A/3708
              PD 02-APR-2002
              PF 24-MAR-1999 JP 2000541291
              PR 27-MAR-1998 US 60/079678
              PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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QY 908 TTTTCTTTGGTCT 920
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DB 3 TTTTCTTTGGACT 15

RESULT 195
BD200684
LOCUS      17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response.
ACCESSION  BD200684
VERSION     BD200684.1 GI:33010454
KEYWORDS    JP 2002509721-A/3710.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
            1 (bases 1 to 17)
REFERENCE   Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
AUTHORS     Method and reagent for treating diseases or conditions concerning
TITLE       molecule participating in vasculogenic response
JOURNAL      Patent: JP 2002509721-A 3710 02-APR-2002;
            RIBOZYME PHARMACEUTICALS INC
COMMENT      OS Homo sapiens (human)
            PN JP 2002509721-A/3710
            PD 02-APR-2002
            PF 24-MAR-1999 JP 2000541291
            PR 27-MAR-1998 US 60/079678
            PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
            PJ JAMES A MCSWIGGEN
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A61P29/00,
A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
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QY 908 TTTTCTTTGGTCT 920
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DB 5 TTTTCTTTGGACT 17

RESULT 195
BD200683
LOCUS      17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response.
ACCESSION  BD200683
VERSION     BD200683.1 GI:33010453
KEYWORDS    JP 2002509721-A/3709.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
            1 (bases 1 to 17)
REFERENCE   Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
AUTHORS     Method and reagent for treating diseases or conditions concerning
TITLE       molecule participating in vasculogenic response
JOURNAL      Patent: JP 2002509721-A 3709 02-APR-2002;
            RIBOZYME PHARMACEUTICALS INC
COMMENT      OS Homo sapiens (human)
            PN JP 2002509721-A/3709
            PD 02-APR-2002
            PF 24-MAR-1999 JP 2000541291
            PR 27-MAR-1998 US 60/079678
            PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
A61P29/00,
A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
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RESULT 197
AR261704      AR261704      16 bp      DNA      linear      PAT 29-JAN-2003
LOCUS
DEFINITION   Sequence 186 from patent US 6322976.
ACCESSION   AR261704
VERSION     AR261704.1 GI:28072782
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 16)
AUTHORS    Altman,T.J., Scott,J. and Stanton,L.W.
TITLE      Compositions and methods of disease diagnosis and therapy
JOURNAL    Patent: US 6322976-A 186 27-NOV-2001;
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Query Match      15.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      936 CCTCTTCATTGGTTTA 951
Db      1 CCTATCTTTGGCTTA 16

RESULT 198
AR435917/c   AR435917      16 bp      RNA      linear      PAT 18-DEC-2003
LOCUS
DEFINITION   Sequence 176 from patent US 6656731.
ACCESSION   AR435917
VERSION     AR435917.1 GI:40199001
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 16)
AUTHORS    Eckstein,F., Ludwig,J. and Beigelman,L.
TITLE      Nucleic acid catalysts with endonuclease activity
JOURNAL    Patent: US 6656731-A 176 02-DEC-2003;
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Query Match      15.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      937 CTCCTTCATTGGTTAA 952
Db      16 CACTTCATTGTTAAA 1

RESULT 199
AR045573/c   AR045573      17 bp      DNA      linear      PAT 29-SEP-1999
LOCUS
DEFINITION   Sequence 366 from patent US 5817796.
ACCESSION   AR045573
VERSION     AR045573.1 GI:5967038
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 17)
AUTHORS    Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE      C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL    Patent: US 5817796-A 366 06-OCT-1998;
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Query Match      15.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      936 CCTCTTCATTGGTTTA 951
Db      1 CCTATCTTTGGCTTA 16

RESULT 199
AR261704      AR261704      16 bp      DNA      linear      PAT 29-JAN-2003
LOCUS
DEFINITION   Sequence 186 from patent US 6322976.
ACCESSION   AR261704
VERSION     AR261704.1 GI:28072782
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 16)
AUTHORS    Altman,T.J., Scott,J. and Stanton,L.W.
TITLE      Compositions and methods of disease diagnosis and therapy
JOURNAL    Patent: US 6322976-A 186 27-NOV-2001;
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Query Match      15.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      936 CCTCTTCATTGGTTTA 951
Db      1 CCTATCTTTGGCTTA 16

RESULT 200
AR046219      AR046219      17 bp      DNA      linear      PAT 29-SEP-1999
LOCUS
DEFINITION   Sequence 1012 from patent US 5817796.
ACCESSION   AR046219
VERSION     AR046219.1 GI:5967684
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 17)
AUTHORS    Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE      C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL    Patent: US 5817796-A 1012 06-OCT-1998;
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      948 TTTAATGATGCTGCTAC 963
Db      16 TTACATGTACGCTAC 1

RESULT 201
AR110567      AR110567      17 bp      DNA      linear      PAT 14-FEB-2001
LOCUS
DEFINITION   Sequence 47 from patent US 6114601.
ACCESSION   AR110567
VERSION     AR110567.1 GI:12826843
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 17)
AUTHORS    Kikuchi,Y., Kiyokawa,S., Shimada,Y., Ohbayashi,M., Shimada,R. and Okinaka,Y.
TITLE      Plant genes encoding flavonoid-3', 5'-hydroxylase
JOURNAL    Patent: US 6114601-A 47 05-SEP-2000;
FEATURES
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Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      900 CCTGCTCATTTCTTTG 916
Db      1 CCNGGGCATATCTTCG 17

RESULT 202
AR151787      AR151787      17 bp      DNA      linear      PAT 08-AUG-2001
LOCUS
DEFINITION   Sequence 47 from patent US 6232109.
ACCESSION   AR151787
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VERSION ARI51787.1 GI:15117837
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Kikuchi,Y., Kiyokawa,S., Shimada,Y., Ohbayashi,M., Shimada,R. and Okinaka,Y.
TITLE Plant genes
JOURNAL Patent: US 6232109-A 47 15-MAY-2001;
FEATURES Location/Qualifiers
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Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 900 CCTGTCATTTCTTTC 916
DB 1 CCNGGGCATATTTCTTCG 17

RESULT 203
LOCUS ARI53518 17 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 28 from patent US 6235525.
ACCESSION ARI53518
VERSION ARI53518.1 GI:15121050
KEYWORDS Unassigned.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS van den Eynde,B., van der Bruggen,P. and Boon-Falleur,T.
TITLE Isolated nucleic acid molecules coding for tumor rejection antigen precursor MAGE-3 and uses thereof
JOURNAL Patent: US 6235525-A 28 22-MAY-2001;
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 TTTATCCCTCCTCTTC 942
DB 16 TTGGCCCTCCTCTTC 1

RESULT 204
LOCUS BD241648 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION BD241648
VERSION BD241648.1 GI:33051418
KEYWORDS JP 2002525127-A/595.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.
TITLE Methods and products related to genotyping and DNA analysis
JOURNAL Patent: JP 2002525127-A 595 13-AUG-2002;
COMMENT MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/595
PF 24-SEP-1999 JP 2000572407

PR 25-SEP-1998 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST
PC C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
G01N37/00,
PC C12N15/00
CC Methods and products related to genotyping and DNA analysis
FH key Location/Qualifiers
FT source 1..17
/mol_type="genomic DNA"
/db_xref="taxon:9606"

FEATURES
source 1..17
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TGCCTTTATCCTCC 937
DB 2 TGCCTTTATCCTGCC 17

RESULT 205
LOCUS BD256443 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD256443
VERSION BD256443.1 GI:33066213
KEYWORDS JP 2002541795-A/4236.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 4236 10-DEC-2002;
COMMENT RIBOZYME PHARMACEUTICALS INC
OS Eukaryote
PN JP 2002541795-A/4236
PD 10-DEC-2002
PP 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
PC C12N15/09, A61K38/00, A61P43/00, A61P43/00, A61P43/00, C12N5/10, PC
C12P21/02,
PC C12P21/02, C12P21/02, C12P21/02, C12P21/02, C12P21/02, C12P21/02, PC
C12P21/02, C12P21/02, C12P21/02, C12P21/02, C12P21/02, C12P21/02, PC
PC A61K37/02,
PC C12N5/00, C12R1:91
CC Regulation of repressor genes using nucleic acid molecules
FH key Location/Qualifiers
FT source 1..17
/mol_type="genomic DNA"
/db_xref="taxon:32644"

FEATURES
source 1..17
/mol_type="genomic DNA"
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Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTTGCC 926
DB 1 TTTTGTATCTTTGGT 16

RESULT 206

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BD256891
LOCUS          17 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION    Regulation of repressor genes using nucleic acid molecules.
ACCESSION    BD256891
VERSION      BD256891.1 GI:33066661
KEYWORDS     JP 2002541795-A/4684.
SOURCE       unidentified
ORGANISM     unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE       Regulation of repressor genes using nucleic acid molecules
JOURNAL     Patent: JP 2002541795-A 4684 10-DEC-2002;
            RIBOZYME PHARMACEUTICALS INC
COMMENT     OS Eukaryote
            PN JP 2002541795-A/4684
            PD 10-DEC-2002
            PE 11-APR-2000 JP 2000611654
            PR 12-APR-1999 US 60/129390
            PT LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
            C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
            C12P21/02,
            PC
            C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
            C12R1:91),
            PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
            PC A61K37/02,
            PC (C12N5/00, C12R1:91)
            CC Regulation of repressor genes using nucleic acid molecules FH
            Key Location/Qualifiers
            FT source 1..17
            FT /organism='Eukaryote'.

FEATURES             source
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                     /organism='unidentified'
                     /mol_type='genomic DNA'
                     /db_xref='taxon:32644'

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTTGGCT 926
Db 1 TTTTGTATCTTTGGCT 16

RESULT 207
E04162
LOCUS          17 bp      DNA      linear      PAT 29-SEP-1997
DEFINITION    DNA sequence of Mycoplasma fermentans rRNA gene.
ACCESSION    E04162
VERSION      E04162.1 GI:2172372
KEYWORDS     JP 1993000088-A/17.
SOURCE       Mycoplasma fermentans
ORGANISM     Bacteria; Firmicutes; Mollicutes; Mycoplasmataceae; Mycoplasma.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Nakagami,S., Kawai,S. and Oka,K.
TITLE       NEW NUCLEIC ACID FRAGMENT AND DETECTION OF MYCOPLASMA USING THE
JOURNAL     SAME
COMMENT     Patent: JP 1993000088-A 17 08-JAN-1993;
            WAKUNAGA PHARMACEUT CO LTD, DAINIPPON PHARMACEUT CO LTD
            OS Mycoplasma fermentans
            PN JP 1993000088-A/17
            PD 08-JAN-1993
            PE 25-JUN-1991 JP 1991153541
            PT NAKAGAMI SATOSHI, KAWAI SHINTARO, OKA KUNIHIRO PC
            C12N15/11, C12Q1/04, C12Q1/68, C12Q1/68;
            CC strandedness: Double;
            CC topology: Linear;
            CC hypothetical: No;
            CC anti-sense: No.

E04162
LOCUS          17 bp      DNA      linear      PAT 13-MAY-1997
DEFINITION    Sequence 48 from patent US 5612201.
ACCESSION    I36962
VERSION      I36962.1 GI:2084922
KEYWORDS     Unknown.
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS     De plaen,E., Boon-Falleur,T., Lethe,B., Szikora,J.-P., De Smet,C.
            and Chomez,P.
TITLE       Isolated nucleic acid molecules useful in determining expression of
            a tumor rejection antigen precursor

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FEATURES             Location/Qualifiers
    source            1..17
                     /organism='Mycoplasma fermentans'
                     /mol_type='genomic DNA'
                     /db_xref='taxon:2115'

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 TTATCCCTCTCTTCA 943
Db 2 TTATCTCTCGTCTTGA 17

RESULT 208
E04429/c
LOCUS          17 bp      DNA      linear      PAT 29-SEP-1997
DEFINITION    DNA encoding primer for cloning proctase.
ACCESSION    E04429
VERSION      E04429.1 GI:2172630
KEYWORDS     JP 1993068570-A/2.
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Takahashi,K., Inoue,H., Kimura,T. and Makabe,O.
TITLE       PROCTASE B GENE
JOURNAL     Patent: JP 1993068570-A 2 23-MAR-1993;
            MEIJI SEIKA KAISHA LTD
            OS Artificial gene
            CC Artificial sequence; Genes.
            PN JP 1993068570-A/2
            PD 23-MAR-1993
            PE 12-SEP-1991 JP 1991260569
            PT TAKAHASHI KENJI, INOUE HIDEFUMI, KIMURA TAKAO, MAKABE OSAMU PC
            C12N15/57, C12N1/21, C12N9/62, C12N15/70, (C12N15/57, C12R1:685), PC
            (C12N1/21,
            PC C12R1:19), (C12N9/62, C12R1:19);
            CC strandedness: Single;
            CC topology: Linear;
            CC hypothetical: No;
            CC anti-sense: No.

FEATURES             Location/Qualifiers
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                     /mol_type='genomic DNA'
                     /db_xref='taxon:32630'

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTCATGTTT 950
Db 17 TCCTCATCATTTT 2

RESULT 209
I36962/c
LOCUS          17 bp      DNA      linear      PAT 13-MAY-1997
DEFINITION    Sequence 48 from patent US 5612201.
ACCESSION    I36962
VERSION      I36962.1 GI:2084922
KEYWORDS     Unknown.
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS     De plaen,E., Boon-Falleur,T., Lethe,B., Szikora,J.-P., De Smet,C.
            and Chomez,P.
TITLE       Isolated nucleic acid molecules useful in determining expression of
            a tumor rejection antigen precursor

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JOURNAL Patent: US 5612201-A 48 18-MAR-1997;
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source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 927 TTATACCTCTCTTC 942
Db 16 TTGCGCCCTCTCTTC 1
RESULT 210
LOCUS I52625 17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 366 from patent US 5646042.
ACCESSION I52625
VERSION I52625.1 GI:2473826
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 366 08-JUL-1997;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 948 TTTAATGATATCGGTAC 963
Db 16 TTACATGTAACGTAC 1
RESULT 211
LOCUS I53271 17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1012 from patent US 5646042.
ACCESSION I53271
VERSION I53271.1 GI:2474474
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1012 08-JUL-1997;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 913 TTGGTCTTTGCCTTT 928
Db 1 TATGGCTTAGCCTGT 16
RESULT 212
AR186086/c

LOCUS AR186086 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 1574 from patent US 6346398.
ACCESSION AR186086
VERSION AR186086.1 GI:20232051
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17).
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1574 12-FEB-2002;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTGC 924
Db 17 TTCTTTGTACGTTC 2
RESULT 213
LOCUS AR187386 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2874 from patent US 6346398.
ACCESSION AR187386
VERSION AR187386.1 GI:20233351
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2874 12-FEB-2002;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 907 ATTTCTTTGGTCTTT 922
Db 2 ATATTCTCTGCTCTTT 17
RESULT 214
LOCUS AR268079/c 17 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 28 from patent US 6498021.
ACCESSION AR268079
VERSION AR268079.1 GI:29698318
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Guagler,B.
TITLE Isolated nucleic acid molecules coding for tumor rejection antigen precursor MAGE-8 and uses thereof
JOURNAL Patent: US 6498021-A 28 24-DEC-2002;
FEATURES Location/Qualifiers
source 1. .17

LOCUS	AX217533	Sequence 2975 from Patent WO0159103.	17 bp	RNA	linear	PAT 07-SEP-2001			
DEFINITION	AX217533								
ACCESSION	AX217533								
VERSION	AX217533.1	GI:15527594							
KEYWORDS		synthetic construct							
SOURCE		synthetic construct							
ORGANISM		artificial sequences.							
REFERENCE	1								
AUTHORS	Blatt, L., McSwiggen, J. and Chowrira, B.M.								
TITLE	Method and reagent for the modulation and diagnosis of cd20 and								
JOURNAL	nogo gene expression								
Patent:	WO 0159103-A 2975 16-AUG-2001;								
RIBOZYME PHARMACEUTICALS, INC. (US) ;	Blatt, Lawrence (US) ;								
McSwiggen, James (US) ;	Chowrira, Bharat M. (US)								
Location/Qualifiers									
1. .17									
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/mol_type="unassigned RNA"									
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/note="Nucleic Acid"									
Query Match	15.3%;	Score 11.2;	DB 1;	Length 17;					
Best Local Similarity	81.2%;	Pred. No. 2e+02;							
Matches	13;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
QY	907	ATTTCTTTGGTCTTT	922						
Db	1	ATTTTCTTTGGTCTTT	16						
RESULT 223									
AX218095									
LOCUS	AX218095	Sequence 3537 from Patent WO0159103.	17 bp	RNA	linear	PAT 07-SEP-2001			
DEFINITION	AX218095								
ACCESSION	AX218095								
VERSION	AX218095.1	GI:15528156							
KEYWORDS		synthetic construct							
SOURCE		synthetic construct							
ORGANISM		artificial sequences.							
REFERENCE	1								
AUTHORS	Blatt, L., McSwiggen, J. and Chowrira, B.M.								
TITLE	Method and reagent for the modulation and diagnosis of cd20 and								
JOURNAL	nogo gene expression								
Patent:	WO 0159103-A 3537 16-AUG-2001;								
RIBOZYME PHARMACEUTICALS, INC. (US) ;	Blatt, Lawrence (US) ;								
McSwiggen, James (US) ;	Chowrira, Bharat M. (US)								
Location/Qualifiers									
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/db_xref="taxon:32630"									
/note="Nucleic Acid"									
Query Match	15.3%;	Score 11.2;	DB 1;	Length 17;					
Best Local Similarity	81.2%;	Pred. No. 2e+02;							
Matches	13;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
QY	939	CTTCATTCGTTTAATG	954						
Db	2	CATCATTCGTTTAAGG	17						
RESULT 224									
AX227190									
LOCUS	AX227190	Sequence 562 from Patent WO0157206.	17 bp	RNA	linear	PAT 10-SEP-2001			
DEFINITION	AX227190								
ACCESSION	AX227190								
VERSION	AX227190.1	GI:15556331							
KEYWORDS		synthetic construct							
SOURCE		synthetic construct							
ORGANISM		artificial sequences.							

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artificial sequences.
REFERENCE
1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Boeber,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL Patent: WO 0157206-A 562 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 900 CCTGGTCATTTCTTT 915
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Db 2 CCTGATCATATGCTTT 17

RESULT 225
AX325153/c
LOCUS AX325153 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 1291 from Patent WO0192512.
ACCESSION AX325153
VERSION AX325153.1 GI:18095908
KEYWORDS Arabidopsis thaliana (thale cress)
SOURCE Arabidopsis thaliana
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
1
AUTHORS Kniec,E.B., Gamber,H.B., Rice,M.C. and Kim,J.
TITLE Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
JOURNAL Patent: WO 0192512-A 1291 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1..17
Location/Qualifiers
/organism="Arabidopsis thaliana"
/mol_type="unassigned DNA"
/db_xref="taxon:3702"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTT 922
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Db 17 AGTTTCATGGGCTTT 2

RESULT 226
AX325154
LOCUS AX325154 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 1292 from Patent WO0192512.
ACCESSION AX325154
VERSION AX325154.1 GI:18095909
KEYWORDS Arabidopsis thaliana (thale cress)
SOURCE Arabidopsis thaliana
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
1
AUTHORS Kniec,E.B., Gamber,H.B., Rice,M.C. and Kim,J.
TITLE Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
JOURNAL Patent: WO 0192512-A 1292 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1..17
Location/Qualifiers
/organism="Arabidopsis thaliana"
/mol_type="unassigned DNA"
/db_xref="taxon:3702"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTT 922
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Db 17 AGTTTCATGGGCTTT 2

RESULT 227
AX422665/c
LOCUS AX422665 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1001 from Patent WO0188124.
ACCESSION AX422665
VERSION AX422665.1 GI:21526047
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1001 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source
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Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTTTG 923
||||| ||||| |||||
Db 17 TTTTCTTTGGTCTTTG 2

RESULT 228
AX422924/c
LOCUS AX422924 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1260 from Patent WO0188124.
ACCESSION AX422924
VERSION AX422924.1 GI:21526306
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1260 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source
1..17
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned RNA"
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Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 925 CTTTATCCCTCCCTCT 940,
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Db 16 CTTTATCATCTCTCT 1

RESULT 229
AX423326/c AX423326 17 bp RNA linear PAT 18-JUN-2002
LOCUS Sequence 1662 from Patent WO0188124.
DEFINITION AX423326
ACCESSION AX423326
VERSION AX423326.1 GI:21526708
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Jarvis, T., von Carlowitz, I., Mcswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1662 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Location/Qualifiers
source
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Gaps 0;
Matches 13; Conservative 0; Indels 0;

QY 926 TTTTATCCCTCCCTCT 941
|||||
Db 17 TTTTATCATCTCTCT 2

RESULT 230
AX502775 AX502775 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 4082 from Patent EP1229046.
DEFINITION AX502775
ACCESSION AX502775
VERSION AX502775.1 GI:23385068
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Zhang, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 4082 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Gaps 0;
Matches 13; Conservative 0; Indels 0;

QY 935 TCCTCTTCATGGTTT 950
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Db 2 TCCTATGCATTTGTTT 17

RESULT 231
AX502776 AX502776 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 4083 from Patent EP1229046.
DEFINITION AX502776
ACCESSION AX502776
VERSION AX502776.1 GI:23385069
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetyl-galatasaminyltransferase 10
JOURNAL Patent: EP 1243660-A 528 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Gaps 0;
Matches 13; Conservative 0; Indels 0;

QY 929 TATCCCTCCTCTTCAT 944
|||||
Db 2 TATCCATCATATTCAT 17

RESULT 233
AX545016 AX545016 17 bp DNA linear PAT 26-NOV-2002
LOCUS Sequence 529 from Patent EP1243660.
DEFINITION AX545016
ACCESSION AX545016
VERSION AX545016.1 GI:25810227
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetyl-galatasaminyltransferase 10
JOURNAL Patent: EP 1243660-A 529 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
source
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Gaps 0;
Matches 13; Conservative 0; Indels 0;

QY 935 TCCTCTTCATGGTTT 950
|||||
Db 2 TCCTATGCATTTGTTT 16

RESULT 232
AX545015 AX545015 17 bp DNA linear PAT 26-NOV-2002
LOCUS Sequence 528 from Patent EP1243660.
DEFINITION AX545015
ACCESSION AX545015
VERSION AX545015.1 GI:25810226
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetyl-galatasaminyltransferase 10
JOURNAL Patent: EP 1243660-A 528 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
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/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Gaps 0;
Matches 13; Conservative 0; Indels 0;

QY 935 TCCTCTTCATGGTTT 950
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Db 1 TCCTATGCATTTGTTT 16

RESULT 233
AX545015 AX545015 17 bp DNA linear PAT 26-NOV-2002
LOCUS Sequence 528 from Patent EP1243660.
DEFINITION AX545015
ACCESSION AX545015
VERSION AX545015.1 GI:25810226
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetyl-galatasaminyltransferase 10
JOURNAL Patent: EP 1243660-A 528 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Gaps 0;
Matches 13; Conservative 0; Indels 0;

QY 929 TATCCCTCCTCTTCAT 944
|||||
Db 2 TATCCATCATATTCAT 17

RESULT 233
AX545016 AX545016 17 bp DNA linear PAT 26-NOV-2002
LOCUS Sequence 529 from Patent EP1243660.
DEFINITION AX545016
ACCESSION AX545016
VERSION AX545016.1 GI:25810227
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetyl-galatasaminyltransferase 10
JOURNAL Patent: EP 1243660-A 529 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
source
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Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Gaps 0;
Matches 13; Conservative 0; Indels 0;

QY 929 TATCCCTCCTCTTCAT 944
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Db 2 TATCCATCATATTCAT 17
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Location/Qualifiers
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/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTCAT 944
Db      1 TATCCATCATATTCAT 16

RESULT 234
AX578382      AX578382      17 bp      RNA      linear      PAT 10-JAN-2003
LOCUS
DEFINITION Sequence 220 from Patent WO0211674.
ACCESSION AX578382
VERSION AX578382.1 GI:27647584
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Thompson, J., McSwiggen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
JOURNAL Method and reagent for the inhibition of calcium activated chloride
channel-1 (clica-1)
PATENT: WO 0211674-A 220 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
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Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 931 TCCCTCCTCTTCAT 946
Db      1 TCCACCTCTTCAT 16

RESULT 235
AX578816/c    AX578816/c    17 bp      RNA      linear      PAT 10-JAN-2003
LOCUS
DEFINITION Sequence 654 from Patent WO0211674.
ACCESSION AX578816
VERSION AX578816.1 GI:27648018
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Thompson, J., McSwiggen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
JOURNAL Method and reagent for the inhibition of calcium activated chloride
channel-1 (clica-1)
PATENT: WO 0211674-A 654 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned RNA"

Aeomica, Inc. (US)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTCAT 944
Db      1 TATCCATCATATTCAT 16

RESULT 236
AX578951      AX578951      17 bp      RNA      linear      PAT 10-JAN-2003
LOCUS
DEFINITION Sequence 789 from Patent WO0211674.
ACCESSION AX578951
VERSION AX578951.1 GI:27648153
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Thompson, J., McSwiggen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
JOURNAL Method and reagent for the inhibition of calcium activated chloride
channel-1 (clica-1)
PATENT: WO 0211674-A 789 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCAT 945
Db      2 ATCCACCTCTTCAT 17

RESULT 237
AX648646      AX648646      17 bp      DNA      linear      PAT 22-MAR-2003
LOCUS
DEFINITION Sequence 486 from Patent EP1273660.
ACCESSION AX648646
VERSION AX648646.1 GI:29151464
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 486 08-JAN-2003;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGGTTT 950
Db      1 TCCTCTTCATGGTTT 950
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Db	2 TCTTCTCAATGTTT 17		ORGANISM Homo sapiens		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	
	RESULT 238		REFERENCE		1	
	AX648648		AUTHORS		Gu, Y.	
	LOCUS		TITLE		Human sodium-hydrogen exchanger like protein 1	
	DEFINITION		JOURNAL		Patent: EP 1273660-A 491 08-JAN-2003;	
	AX648648		VERSION		Aeomica, Inc. (US)	
	AX648648.1 GI:29151466		FEATURES		Location/Qualifiers	
	KEYWORDS		source		1..17	
	ORGANISM		/organism="Homo sapiens"			
	SOURCE		/mol_type="unassigned DNA"		/db_xref="taxon:9606"	
Db	1..17		Query Match		15.3%; Score 11.2; DB 1; Length 17;	
	1		Best Local Similarity		81.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;	
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	936 CCTCTTCATGTTTAA 951		QY		939 CTTTCATGTTTAAATG 954	
			Db		1 CTTCAATGTTTACTG 16	
	1 CTTCTTCAATGTTTAA 16		RESULT 241			
	AX648649		LOCUS		AX648772	
	DEFINITION		SEQUENCE		612 from Patent EP1273660.	
	AX648649		ACCESSION		AX648772	
	AX648649.1 GI:29151467		VERSION		AX648772.1 GI:29151590	
Db	936 CCTCTTCATGTTTAA 951		KEYWORDS		Homo sapiens (human)	
	1 CTTCTTCAATGTTTAA 16		SOURCE		Homo sapiens	
	1 CTTCTTCAATGTTTAA 16		ORGANISM		Homo sapiens	
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		REFERENCE		1	
	AUTHORS		TITLE		Human sodium-hydrogen exchanger like protein 1	
	JOURNAL		JOURNAL		Patent: EP 1273660-A 612 08-JAN-2003;	
	Aeomica, Inc. (US)		FEATURES		Location/Qualifiers	
	source		1..17			
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Db	17 bp DNA		Best Local Similarity		81.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;	
	13; Conservative		Matches		13; Indels 0; Gaps 0;	
	938 TCTTCATGTTTAAAT 953		QY		938 TCTTCATGTTTAAAT 953	
			Db		2 TCGTCATAGGGTTAAAT 17	
	2 TCTTCAATGTTTACT 17		RESULT 242			
	AX648651		LOCUS		AX648773	
	DEFINITION		SEQUENCE		613 from Patent EP1273660.	
	AX648651		ACCESSION		AX648773	
	AX648651.1 GI:29151469		VERSION		AX648773.1 GI:29151591	
	KEYWORDS		Homo sapiens (human)			
Db	938 TCTTCATGTTTAAAT 953		SOURCE		Homo sapiens	
	1..17		ORGANISM		Homo sapiens	
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		REFERENCE		1	
	AUTHORS		TITLE		Human sodium-hydrogen exchanger like protein 1	
	JOURNAL		JOURNAL		Patent: EP 1273660-A 613 08-JAN-2003;	
	Aeomica, Inc. (US)		FEATURES		Location/Qualifiers	
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	81.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;		Best Local Similarity		81.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;	
Db	17 bp DNA		13; Conservative		Matches	
	938 TCTTCATGTTTAAAT 953		QY		938 TCTTCATGTTTAAAT 953	
			Db		2 TCTTCAATGTTTACT 17	
	2 TCTTCAATGTTTACT 17		RESULT 240			
	AX648651		LOCUS		AX648651	
	DEFINITION		SEQUENCE		491 from Patent EP1273660.	
	AX648651		ACCESSION		AX648651	
	AX648651.1 GI:29151469		VERSION		AX648651.1 GI:29151469	
	KEYWORDS		Homo sapiens (human)			
	SOURCE					

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 0; Gaps 0; Indels 3;

QY 938 TCTTCATGTTTAAAT 953
Db 1 TCGTCATAGGTTTAAAT 16

RESULT 243
AX648906
LOCUS AX648906 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 746 from Patent EP1273660.
ACCESSION AX648906
VERSION AX648906.1 GI:29151724
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 746 08-JAN-2003;
Aesomica, Inc. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 0; Gaps 0; Indels 3;

QY 901 CTGGTCATTTTCTTTG 916
Db 2 CTGGCCATTTTCCATG 17

RESULT 244
AX648907
LOCUS AX648907 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 747 from Patent EP1273660.
ACCESSION AX648907
VERSION AX648907.1 GI:29151725
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 747 08-JAN-2003;
Aesomica, Inc. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 0; Gaps 0; Indels 3;

QY 901 CTGGTCATTTTCTTTG 916
Db 1 CTGGCCATTTTCCATG 16

RESULT 245
AX672849/c
LOCUS AX672849 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1294 from Patent WO03004526.
ACCESSION AX672849
VERSION AX672849.1 GI:29331197
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1294 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 0; Gaps 0; Indels 3;

QY 943 ATTGGTTTAATGTATC 958
Db 16 ATTGGAATATGGATC 1

RESULT 246
AX673129
LOCUS AX673129 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1574 from Patent WO03004526.
ACCESSION AX673129
VERSION AX673129.1 GI:29331477
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1574 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
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/mol_type="unassigned DNA"
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Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
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QY 930 ATCCCTCTCTTCAAT 945
Db 2 ATCCCTCTCTTCAAT 17

RESULT 247
AX673152
LOCUS AX673152 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1597 from Patent WO03004526.
ACCESSION AX673152
VERSION AX673152.1 GI:29331500

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KEYWORDS	Homo sapiens (human)	TITLE	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
SOURCE	Homo sapiens	JOURNAL	Patent: EP 1281758-A 947 05-FEB-2003;
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	AEOMICA, Inc. (US)	
REFERENCE	1	FEATURES	Location/Qualifiers
AUTHORS	Teleman,A., Anson,R. and Tuijnder,M.	1. .17	
TITLE	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines	/organism="Homo sapiens"	
JOURNAL	Patent: WO 03004526-A 1597 16-JAN-2003;	/mol_type="unassigned DNA"	
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	Best Local Similarity	81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;	
	Matches	13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
QY	930 ATCCCTCTCTTCATT 945		
Db	2 ATCCCTCTCTTAAT 17		
RESULT 248			
AX674770			
LOCUS	AX674770	17 bp	DNA linear PAT 27-MAR-2003
DEFINITION	Sequence 3215 from Patent WO03004526.		
ACCESSION	AX674770		
VERSION	AX674770.1 GI:29333118		
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Teleman,A., Anson,R. and Tuijnder,M.		
TITLE	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines		
JOURNAL	Patent: WO 03004526-A 3215 16-JAN-2003;		
FEATURES	Molecular Engines Laboratories (FR)		
source	1. .17		
	Query Match	15.3%; Score 11.2; DB 1; Length 17;	
	Best Local Similarity	81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;	
	Matches	13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
QY	903 GGTCATTTCTTCGGT 918		
Db	1 GATCTTGCTTGGT 16		
RESULT 249			
AX688215/c			
LOCUS	AX688215	17 bp	DNA linear PAT 31-MAR-2003
DEFINITION	Sequence 947 from Patent EP1281758.		
ACCESSION	AX688215		
VERSION	AX688215.1 GI:29410915		
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Shannon,M., Gu,Y. and Nguyen,C.T.		

QY	933 CCTCCTCTTCATTGGT 948		
Db	16 CCTCCTTTCTCTGCT 1		
RESULT 251			
AX688217/c			
LOCUS	AX688217	17 bp	DNA linear PAT 31-MAR-2003
DEFINITION	Sequence 949 from Patent EP1281758.		
ACCESSION	AX688217		
VERSION	AX688217.1 GI:29410917		
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Shannon,M., Gu,Y. and Nguyen,C.T.		
TITLE	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12		
JOURNAL	Patent: EP 1281758-A 949 05-FEB-2003;		
FEATURES	AEOMICA, Inc. (US)		
source	1. .17		
	Query Match	15.3%; Score 11.2; DB 1; Length 17;	
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QY	933 CCTCCTCTTCATTGGT 948		
Db	16 CCTCCTTTCTCTGCT 1		
RESULT 251			
AX688217/c			
LOCUS	AX688217	17 bp	DNA linear PAT 31-MAR-2003
DEFINITION	Sequence 949 from Patent EP1281758.		
ACCESSION	AX688217		
VERSION	AX688217.1 GI:29410917		
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Shannon,M., Gu,Y. and Nguyen,C.T.		
TITLE	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12		
JOURNAL	Patent: EP 1281758-A 949 05-FEB-2003;		
FEATURES	AEOMICA, Inc. (US)		
source	1. .17		
	Query Match	15.3%; Score 11.2; DB 1; Length 17;	
	Best Local Similarity	81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;	
	Matches	13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
QY	933 CCTCCTCTTCATTGGT 948		
Db	16 CCTCCTTTCTCTGCT 1		
RESULT 251			
AX688217/c			
LOCUS	AX688217	17 bp	DNA linear PAT 31-MAR-2003
DEFINITION	Sequence 949 from Patent EP1281758.		
ACCESSION	AX688217		
VERSION	AX688217.1 GI:29410917		
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Shannon,M., Gu,Y. and Nguyen,C.T.		
TITLE	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12		
JOURNAL	Patent: EP 1281758-A 949 05-FEB-2003;		
FEATURES	AEOMICA, Inc. (US)		
source	1. .17		
	Query Match	15.3%; Score 11.2; DB 1; Length 17;	
	Best Local Similarity	81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;	
	Matches	13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
QY	933 CCTCCTCTTCATTGGT 948		
Db	16 CCTCCTTTCTCTGCT 1		
RESULT 250			
AX688216/c			
LOCUS	AX688216	17 bp	DNA linear PAT 31-MAR-2003
DEFINITION	Sequence 948 from Patent EP1281758.		
ACCESSION	AX688216		
VERSION	AX688216.1 GI:29410916		
KEYWORDS			
SOURCE	Homo sapiens (human)		
ORGANISM	Homo sapiens		
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Shannon,M., Gu,Y. and Nguyen,C.T.		
TITLE	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12		
JOURNAL	Patent: EP 1281758-A 948 05-FEB-2003;		
FEATURES	AEOMICA, Inc. (US)		
source	1. .17		
	Query Match	15.3%; Score 11.2; DB 1; Length 17;	
	Best Local Similarity	81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;	
	Matches	13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
QY	933 CCTCCTCTTCATTGGT 948		
Db	16 CCTCCTTTCTCTGCT 1		

Query Match 15.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 931 TCCTCTCTTCATG 946
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 Db 17 TGCCTCTCTTCCTG 2

RESULT 252
 AX688218/c
 LOCUS AX688218 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 950 from Patent EP1281758.
 ACCESSION AX688218
 VERSION AX688218.1 GI:29410918
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 950 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 2e+02;
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QY 931 TCCTCTCTTCATG 946
 |||||
 Db 16 TGCCTCTCTTCCTG 1

RESULT 253
 AX688505/c
 LOCUS AX688505 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1237 from Patent EP1281758.
 ACCESSION AX688505
 VERSION AX688505.1 GI:29411207
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1237 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 2e+02;
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QY 934 CTCCTCTTCATGTT 949
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 Db 17 CTTCTCTTCGCGTT 2

RESULT 254
 AX688506/c
 LOCUS AX688506 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1238 from Patent EP1281758.
 ACCESSION AX688506
 VERSION AX688506.1 GI:29411208
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1238 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATGTT 949
 |||||
 Db 16 CTTCTCTTCGCGTT 1

RESULT 255
 AX690458/c
 LOCUS AX690458 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 3190 from Patent EP1281758.
 ACCESSION AX690458
 VERSION AX690458.1 GI:29413339
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 3190 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCTCTCTTCAT 944
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 Db 17 TGTTCCTCTCTTCT 2

RESULT 256
 AX690459/c
 LOCUS AX690459 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 3191 from Patent EP1281758.
 ACCESSION AX690459
 VERSION AX690459.1 GI:29413340
 KEYWORDS
 SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Shannon.M., Gu.Y. and Nguyen.C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 3191 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 929 TATCCCTCCTCTTCAT 944
Db 16 TGTTCCTCCTCTTCCT 1
RESULT 257
LOCUS AX723602 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1289 from Patent WO03025176.
ACCESSION AX723602
VERSION AX723602.1 GI:30424103
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 1289 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCCTACTATTATT 17
RESULT 258
LOCUS AX728481/c 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 115 from Patent WO03025175.
ACCESSION AX728481
VERSION AX728481.1 GI:30507824
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 115 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 943 ATTGCTTTAATGTATC 958
Db 16 ACTGGATTATGGATC 1
RESULT 259
LOCUS AX728840 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 474 from Patent WO03025175.
ACCESSION AX728840
VERSION AX728840.1 GI:30508183
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 474 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCAGCCTCTGCATT 17
RESULT 260
LOCUS AX729887 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1521 from Patent WO03025175.
ACCESSION AX729887
VERSION AX729887.1 GI:30509230
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1521 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

ACCESSION AX732400
VERSION AX732400.1 GI:30511743
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 4034 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
||||| |||||
Db 2 ATCCACCACTGCATT 17

RESULT 266
AX732454
LOCUS AX732454 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4088 from Patent WO03025175.
ACCESSION AX732454
VERSION AX732454.1 GI:30511797
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 4088 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGTCTTTGCCCTTTAT 931
||||| |||||
Db 1 GATCTGTGCTTTTGT 16

RESULT 267
AX733923
LOCUS AX733923 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5557 from Patent WO03025175.
ACCESSION AX733923
VERSION AX733923.1 GI:30513266
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5557 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
||||| |||||
Db 2 ATCCCTCTTGTTCATT 17

RESULT 268
AX734209
LOCUS AX734209 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5843 from Patent WO03025175.
ACCESSION AX734209
VERSION AX734209.1 GI:30513552
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5843 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGTCTTTGCCCTTTAT 931
||||| |||||
Db 1 GATCTTGTCTTTGT 16

RESULT 269
AX736083
LOCUS AX736083 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1673 from Patent WO03025177.
ACCESSION AX736083
VERSION AX736083.1 GI:30515360
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 1673 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)

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FEATURES
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      1. .17
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        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCGCGCATTCATT 17

RESULT 270
AX737406/c
LOCUS AX737406 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2996 from Patent WO03025177.
ACCESSION AX737406
VERSION AX737406.1 GI:30516694
KEYWORDS
SOURCE
  ORGANISM Homo sapiens (human)
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in phenomena of tumour suppression, tumour
  reversion, apoptosis and/or resistance to viruses and the use
  thereof as medicaments
  Patent: WO 03025177-A 2996 27-MAR-2003;
  Molecular Engines Laboratories (FR)
JOURNAL
  Molecular Engines Laboratories (FR)
FEATURES
  source
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      1. .17
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        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 946 GGTTTAATGATCGCT 961
Db 17 GTTTAATGACCGAT 2

RESULT 271
AX737441
LOCUS AX737441 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3031 from Patent WO03025177.
ACCESSION AX737441
VERSION AX737441.1 GI:30516729
KEYWORDS
SOURCE
  ORGANISM Homo sapiens (human)
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in phenomena of tumour suppression, tumour
  reversion, apoptosis and/or resistance to viruses and the use
  thereof as medicaments
  Patent: WO 03025177-A 3031 27-MAR-2003;
  Molecular Engines Laboratories (FR)
JOURNAL
  Molecular Engines Laboratories (FR)
FEATURES
  source
    Location/Qualifiers
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        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 GGTTCATTTCCTTGGT 918
Db 1 GATCGTTTTTTTGGT 16

RESULT 273
AX757880/c
LOCUS AX757880 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 1201 from Patent WO03040369.
ACCESSION AX757880
VERSION AX757880.1 GI:32252496
KEYWORDS
SOURCE
  ORGANISM Homo sapiens (human)
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in tumoral suppression, tumoral reversion,
  apoptosis and/or viral resistance phenomena and their use as
  medicines
  Patent: WO 03040369-A 1201 15-MAY-2003;
  Molecular Engines Laboratories (FR)
JOURNAL
  Molecular Engines Laboratories (FR)
FEATURES
  source
    Location/Qualifiers
      1. .17
        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTGGT 948
Db 17 CATCCTCTGCGATTGAT 2

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RESULT 274
AX759249
LOCUS AX759249 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2570 from Patent WO03040369.
ACCESSION AX759249
VERSION AX759249.1 GI:32253865
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2348 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 916 GGTCTTTGGCTTTTAT 931
| | | | |
Db 1 GATCTTTCTCTGTTAT 16

RESULT 275
AX762054/c
LOCUS AX762054 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 5375 from Patent WO03040369.
ACCESSION AX762054
VERSION AX762054.1 GI:32256670
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 5375 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
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Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 916 GGTCTTTGGCTTTTAT 931
| | | | |
Db 1 GATCTTTCTCTGTTAT 16

RESULT 276
AX784017
LOCUS AX784017 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 2348 from Patent WO03050284.
ACCESSION AX784017
VERSION AX784017.1 GI:32951866
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2350 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
Location/Qualifiers
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/mol_type="unassigned DNA"
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Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 943 ATTGGTTTAAATGATC 958
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Db 16 ATTTATTAAATGATC 1

RESULT 277
AX784018
LOCUS AX784018 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 2349 from Patent WO03050284.
ACCESSION AX784018
VERSION AX784018.1 GI:32951867
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2349 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 935 TCCTCTTCATTCGTTT 950
| | | | |
Db 2 TGTCTCTCTCTGTTT 17

RESULT 278
AX784019
LOCUS AX784019 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 2350 from Patent WO03050284.
ACCESSION AX784019
VERSION AX784019.1 GI:32951868
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2350 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 935 TCCTCTTCATTCGTTT 950
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Db 1 TGTCTCTCTCTGTTT 16

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            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCCTCATGGTTTAA 952
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Db 2 CTCCTCATGGTTTGA 17

RESULT 279
AX784021      17 bp DNA linear PAT 17-JUL-2003
DEFINITION   Sequence 2352 from Patent WO03050284.
ACCESSION    AX784021
VERSION      AX784021.1 GI:32951870
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Guo, J.
TITLE        Human prostate cancer candidate protein 1
JOURNAL      Patent: WO 03050284-A 2352 19-JUN-2003;
              Biociences (SV) Corp. (US)
FEATURES     source
            1. .17
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 938 TCTTCATGGTTTAAAT 953
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Db 1 TCCCTCATGGTTTGAAT 16

RESULT 280
BD198759      17 bp RNA linear PAT 17-JUL-2003
LOCUS
DEFINITION   Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response.
ACCESSION    BD198759
VERSION      BD198759.1 GI:33008529
KEYWORDS     JP 2002509721-A/1785.
SOURCE       Homo sapiens (human)
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
TITLE        Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response
JOURNAL      Patent: JP 2002509721-A 1785 02-APR-2002;
              RIBOZYME PHARMACEUTICALS INC
COMMENT      OS Homo sapiens (human)
              PN JP 2002509721-A/3985
              PD 02-APR-2002
              PF 24-MAR-1999 JP 2000541291
              PR 27-MAR-1998 US 60/079678
              PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
              PI JAMES A MCSWIGGEN
              PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
              A61P29/00,
              PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
              C12N5/00
              CC Method and reagent for treating diseases or conditions CC
              concerning molecule
              CC participating in vasculogenic response
              FH Key Location/Qualifiers
              FT source 1. .17
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              FT /mol_type="genomic RNA"
              FT /db_xref="taxon:9606"
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              source
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            /organism="Homo sapiens"
            /mol_type="genomic RNA"
            /db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 906 CATTTCCTTGGTCTT 921
    ||| ||| ||| ||| |||
Db 1 CTTTATTGGTTT 16

PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1. .17
FT /organism="Homo sapiens"
FT /mol_type="genomic RNA"
FT /db_xref="taxon:9606"
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source
1. .17
Location/Qualifiers
1. .17
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/mol_type="genomic RNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 906 CATTTCCTTGGTCTT 921
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Db 1 CTTTATTGGTTT 16

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RESULT 282
BD248253
LOCUS BD248253 12 bp DNA linear PAT 17-JUL-2003
DEFINITION Short-chain oligonucleotide for inhibiting VEGF expression.
ACCESSION BD248253
VERSION BD248253.1 GI:33058023
KEYWORDS JP 2002524038-A/72
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 12)
AUTHORS Uhlmann,E., Peyman,A., Bitonti,A. and Woessner,R.
TITLE Short-chain oligonucleotide for inhibiting VEGF expression
JOURNAL AVENTIS PHARMA DEUTSCHLAND GMBH
COMMENT OS Artificial Sequence
PN JP 2002524038-A/72
PD 06-AUG-2002
PF 29-JUL-1999 JP 2000563768
PI 07-AUG-1998 EP 98114853.9
PR EUGEN UHLMANN ANUSCHIRWAN PEYMAN ALAN BITONTI RICHARD WOESSNER
PC C12N15/09 A61K31/711 A61K31/7115 A61K31/712 A61K31/7125 PC
, A61K48/00, A61P9/00,
PC A61P13/12 A61P17/16 A61P27/02 A61P29/00 A61P35/00 A61P43/00,
PC C12N15/00
CC Description of Artificial Sequence: Antisense FH Key
Location/Qualifiers
FT source 1..12
FT /organism='Artificial Sequence'.
FEATURES
source 1..12
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 15.1%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTTCTTGGTC 919
DB 2 TTTCTTGGTC 12
RESULT 283
A39062
LOCUS A39062 16 bp DNA linear PAT 05-MAR-1997
DEFINITION Sequence 34 from Patent WO9412670.
ACCESSION A39062
VERSION A39062.1 GI:2295448
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.
TITLE PROCESS FOR TYPING OF HCV ISOLATES
JOURNAL Patent: WO 9412670-A 34 09-JUN-1994;
INNOGENETICS NV (BE)
COMMENT Other publication AU 5628294 940622
Other publication CA 2128528 940609
Other publication JP 7503143T 950406.
FEATURES
source 1..16
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 900 CCTGGTCATTT 910
DB 3 CCTGGTCATTT 13
RESULT 284
AR063396
LOCUS AR063396 16 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 34 from patent US 5846704.
ACCESSION AR063396
VERSION AR063396.1 GI:5992704
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.
TITLE Process for typing of HCV isolates
JOURNAL Patent: US 5846704-A 34 08-DEC-1998;
FEATURES Location/Qualifiers
source 1..16
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 900 CCTGGTCATTT 910
DB 3 CCTGGTCATTT 13
RESULT 285
AR123587
LOCUS AR123587 16 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 34 from patent US 6171784.
ACCESSION AR123587
VERSION AR123587.1 GI:4108948
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.
TITLE Process for typing of HCV isolates
JOURNAL Patent: US 6171784-A 34 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..16
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/mol_type="unassigned DNA"
Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 900 CCTGGTCATTT 910
DB 3 CCTGGTCATTT 13
RESULT 286
AR267328
LOCUS AR267328 16 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 34 from patent US 6495670.
ACCESSION AR267328
VERSION AR267328.1 GI:29697346
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.

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TITLE      Process for typing of HCV isolates
JOURNAL    Patent: US 6495670-A 34 17-DEC-2002;
FEATURES   Location/Qualifiers
            source
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Query Match      15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      900 CCTGGTCATTT 910
Db      3 CCTGGTCATTT 13

RESULT 287
LOCUS      AR305738              16 bp      DNA      linear      PAT 12-JUN-2003
DEFINITION Sequence 34 from patent US 6548244.
ACCESSION  AR305738
VERSION     AR305738.1 GI:31695347
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.

REFERENCE   1 (bases 1 to 16)
AUTHORS    Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.
TITLE      Process for typing HCV isolates
JOURNAL    Patent: US 6548244-A 34 15-APR-2003;
FEATURES   Location/Qualifiers
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Query Match      15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      900 CCTGGTCATTT 910
Db      3 CCTGGTCATTT 13

RESULT 288
LOCUS      AX023124              16 bp      DNA      linear      PAT 24-NOV-2000
DEFINITION Sequence 34 from Patent EP0905258.
ACCESSION  AX023124
VERSION     AX023124.1 GI:10046589
KEYWORDS   .
SOURCE     unidentified
ORGANISM   unidentified

REFERENCE   1
AUTHORS    Brysch,W. and Schlingensiepen,K.
TITLE      AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL    Patent: WO 9833904-A 463 06-AUG-1998;
            BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES   Location/Qualifiers
            source
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Method for detecting nucleic acid sequences based on the use of
solid phase immobilised nucleotide probes (line probe assay)
Patent: EP 0905258-A 34 31-MAR-1999;
INNOGENETICS NV (BE)
            Location/Qualifiers
            source
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            /organism="unidentified"
            /mol_type="unassigned DNA"
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Query Match      15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      900 CCTGGTCATTT 910
Db      3 CCTGGTCATTT 13

RESULT 289
LOCUS      AX417330              16 bp      DNA      linear      PAT 18-JUN-2002
DEFINITION Sequence 34 from Patent EP1197568.
ACCESSION  AX417330
VERSION     AX417330.1 GI:21522634
KEYWORDS   .
SOURCE     Hepatitis C virus
ORGANISM   Hepatitis C virus
            Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae;
            Hepacivirus.

REFERENCE   1
AUTHORS    Maertens,G., Rossau,R., Stuyver,L. and van Heuverswyn,H.
TITLE      Detection and typing of hcv using 5'utr and ns5 nucleic acid
            sequences
JOURNAL    Patent: EP 1197568-A 34 17-APR-2002;
            ImmoGenetics N.V. (BE)
FEATURES   Location/Qualifiers
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Query Match      15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      900 CCTGGTCATTT 910
Db      3 CCTGGTCATTT 13

RESULT 290
LOCUS      A88315              14 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION Sequence 463 from Patent WO9833904.
ACCESSION  A88315
VERSION     A88315.1 GI:6736885
KEYWORDS   .
SOURCE     unidentified
ORGANISM   unidentified

REFERENCE   1 (bases 1 to 14)
AUTHORS    Brysch,W. and Schlingensiepen,K.
TITLE      AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL    Patent: WO 9833904-A 463 06-AUG-1998;
            BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES   Location/Qualifiers
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Query Match      14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      909 TTTCTTTGCTCTTT 922
Db      1 TTTATTTCGCTCTT 14

RESULT 291
LOCUS      A90282              14 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION Sequence 463 from Patent EP0856579.
ACCESSION  A90282
VERSION     A90282.1 GI:6738796
KEYWORDS   .
SOURCE     unidentified
ORGANISM   unidentified

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unclassified.
1 (bases 1 to 14)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 463 05-AUG-1998;
BIOGOSTIK GES (DE)
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTT 922
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Db 1 TTTATTTCGTCCTTT 14

RESULT 292
E16620
LOCUS E16620 14 bp DNA linear PAT 28-JUL-1999
DEFINITION PCR primer for detection of mutation in human WS gene by MASA.
ACCESSION E16620
VERSION E16620.1 GI:5711303
KEYWORDS JP 1998201498-A/25.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Matsumoto,T., Goto,M. and Furuichi,Y.
TITLE DETECTION OF MUTATION IN PATHOGENIC GENE OF HUMAN WERNER SYNDROME
JOURNAL Patent: JP 1998201498-A 25 04-AUG-1998;
EJJIIN KENKUSHO:KK
COMMENT OS None
OC Artificial sequences.
PN JP 1998201498-A/25
PD 04-AUG-1998
PF 24-JAN-1997 JP 1997011268
PI MATSUMOTO TAKEHISA, GOTO MAKOTO, FURUICHI YASUHIRO PC
C12Q1/68,C07H21/04,C12N15/09,G01N33/50,G01N33/566; CC
strandedness: single;
CC topology: Linear;
FH Key Location/Qualifiers
FH None
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/organism="Artificial sequences".
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/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTT 922
|||||
Db 1 TTTCTTTGGTCTTT 14

RESULT 293
BD065828
LOCUS BD065828 14 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD065828
VERSION BD065828.1 GI:22611431
KEYWORDS JP 2001511000-A/463.
SOURCE unidentified
ORGANISM unidentified

unclassified.
1 (bases 1 to 14)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 463 05-AUG-1998;
BIOGOSTIK GES (DE)
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTT 922
|||||
Db 1 TTTATTTCGTCCTTT 14

RESULT 292
E16620
LOCUS E16620 14 bp DNA linear PAT 28-JUL-1999
DEFINITION PCR primer for detection of mutation in human WS gene by MASA.
ACCESSION E16620
VERSION E16620.1 GI:5711303
KEYWORDS JP 1998201498-A/25.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Matsumoto,T., Goto,M. and Furuichi,Y.
TITLE DETECTION OF MUTATION IN PATHOGENIC GENE OF HUMAN WERNER SYNDROME
JOURNAL Patent: JP 1998201498-A 25 04-AUG-1998;
EJJIIN KENKUSHO:KK
COMMENT OS None
OC Artificial sequences.
PN JP 1998201498-A/25
PD 04-AUG-1998
PF 24-JAN-1997 JP 1997011268
PI MATSUMOTO TAKEHISA, GOTO MAKOTO, FURUICHI YASUHIRO PC
C12Q1/68,C07H21/04,C12N15/09,G01N33/50,G01N33/566; CC
strandedness: single;
CC topology: Linear;
FH Key Location/Qualifiers
FH None
FT source 1..14
/organism="Artificial sequences".
FEATURES source
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTT 922
|||||
Db 1 TTTCTTTGGTCTTT 14

RESULT 293
BD065828
LOCUS BD065828 14 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD065828
VERSION BD065828.1 GI:22611431
KEYWORDS JP 2001511000-A/463.
SOURCE unidentified
ORGANISM unidentified

unclassified.
1 (bases 1 to 14)
AUTHORS Schlingensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 463 07-AUG-2001;
BIOGOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT OS Unknown
PN JP 2001511000-A/463
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Key
FEATURES Location/Qualifiers
source
1..14
/organism="Unknown".
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTT 922
|||||
Db 1 TTTATTTCGTCCTTT 14

RESULT 294
A56697/c
LOCUS A56697 15 bp DNA linear PAT 03-MAR-1998
DEFINITION Sequence 1 from Patent WO9627612.
ACCESSION A56697
VERSION A56697.1 GI:3712739
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1
AUTHORS Berry,M.J., Davis,P.J., Van,D.L., Paul,P. and Whitelam,G.C.
TITLE PRODUCTION IN YEASTS OF STABLE ANTIBODY FRAGMENTS
JOURNAL Patent: WO 9627612-A 1 12-SEP-1996;
QUEST INT (NL)
COMMENT Other publication AU 4839496 960923.
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 924 CCTTTTATCCCTCC 937
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Db 15 CCTTTTATCCATTC 2

RESULT 295
AR131846
LOCUS AR131846 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 271 from patent US 6194150.
ACCESSION AR131846
VERSION AR131846.1 GI:14120749
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
unclassified.
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REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
TITLE Nucleic acid based inhibition of CD40
JOURNAL Patent: US 6194150-A 271 27-FEB-2001;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 943 ATTGCTTTAATGTA 956
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Db 1 ATTGCTTAATGTA 14

RESULT 296
123533/c
LOCUS I23533 15 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 8 from patent US 5534631.
ACCESSION I23533
VERSION I23533.1 GI:1603403
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Li,C., Gaynor,R.B. and Nirula,A.
TITLE Cellular factor ILF
JOURNAL Patent: US 5534631-A 8 09-JUL-1996;
FEATURES Location/Qualifiers
source
1..15
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/mol_type="unassigned DNA"

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATTGG 947
||| |||||
Db 14 CTCCTCTTCATTGG 1

RESULT 297
177338/c
LOCUS I77338 15 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 45 from patent US 5693532.
ACCESSION I77338
VERSION I77338.1 GI:3013492
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS McSwiggen,J., Draper,K., Pavco,P. and Woolf,T.
TITLE Respiratory syncytial virus ribozymes
JOURNAL Patent: US 5693532-A 45 02-DEC-1997;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 944 TTGGTTTAATGTAT 957
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Db 15 TTAGTTAAATGTAT 2

REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
TITLE Nucleic acid based inhibition of CD40
JOURNAL Patent: US 6194150-A 271 27-FEB-2001;
FEATURES Location/Qualifiers
source
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 943 ATTGCTTTAATGTA 956
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Db 1 ATTGCTTAATGTA 14

RESULT 296
123533/c
LOCUS I23533 15 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 8 from patent US 5534631.
ACCESSION I23533
VERSION I23533.1 GI:1603403
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Li,C., Gaynor,R.B. and Nirula,A.
TITLE Cellular factor ILF
JOURNAL Patent: US 5534631-A 8 09-JUL-1996;
FEATURES Location/Qualifiers
source
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/mol_type="unassigned DNA"

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATTGG 947
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Db 14 CTCCTCTTCATTGG 1

RESULT 297
177338/c
LOCUS I77338 15 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 45 from patent US 5693532.
ACCESSION I77338
VERSION I77338.1 GI:3013492
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS McSwiggen,J., Draper,K., Pavco,P. and Woolf,T.
TITLE Respiratory syncytial virus ribozymes
JOURNAL Patent: US 5693532-A 45 02-DEC-1997;
FEATURES Location/Qualifiers
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1..15
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Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 944 TTGGTTTAATGTAT 957
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Db 15 TTAGTTAAATGTAT 2

RESULT 298
177339/c
LOCUS I77339 15 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 46 from patent US 5693532.
ACCESSION I77339
VERSION I77339.1 GI:3013493
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS McSwiggen,J., Draper,K., Pavco,P. and Woolf,T.
TITLE Respiratory syncytial virus ribozymes
JOURNAL Patent: US 5693532-A 46 02-DEC-1997;
FEATURES Location/Qualifiers
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1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 944 TTGGTTTAATGTAT 957
||| |||||
Db 14 TTAGTTAAATGTAT 1

RESULT 299
181251/c
LOCUS I81251 15 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 2 from patent US 5710028.
ACCESSION I81251
VERSION I81251.1 GI:3209541
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Eval,N. and Navot,N.
TITLE Method of quick screening and identification of specific DNA
sequences by single nucleotide primer extension and kits therefor
JOURNAL Patent: US 5710028-A 2 20-JAN-1998;
FEATURES Location/Qualifiers
source
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/mol_type="unassigned DNA"

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCTTTGC 924
||| |||||
Db 14 TCTTTGGTCTTTCC 1

RESULT 300
AX119562
LOCUS AX119562 15 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 219 from patent WO0129251.
ACCESSION AX119562
VERSION AX119562.1 GI:14036481
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Messiaen,L. and Callens,F.
TITLE Improved mutation analysis of the nfi gene
JOURNAL Patent: WO 0129251-A 219 26-APR-2001;

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UNIVERSITEIT GENT (BE)		Query Match	
FEATURES	Location/Qualifiers	14.8%; Score 10.8; DB 1; Length 15;	DB 1; Length 15;
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	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
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QY	15 bp DNA linear PAT 26-SEP-2001	15 bp RNA linear PAT 21-FEB-2003	
Db	1 GTGATTTCTTTGG 14	15 TGAGTTAAATGAT 2	
RESULT 301		RESULT 303	
LOCUS	AX233941	LOCUS	AX638097
DEFINITION	Sequence 68 from Patent WO0164958.	DEFINITION	Sequence 5236 from Patent EP1260586.
ACCESSION	AX233941	ACCESSION	AX638097
VERSION	AX233941.1 GI:15797543	VERSION	AX638097.1 GI:28473711
KEYWORDS	synthetic construct	KEYWORDS	unidentified
SOURCE	synthetic construct	SOURCE	unidentified
ORGANISM	artificial sequences.	ORGANISM	unclassified.
REFERENCE	1	REFERENCE	1
AUTHORS	Dempey, R.O., Gall, A.A., Lokhov, S.G., Afonina, I.A., Singer, M.J.,	AUTHORS	Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A.,
	Kutayavin, I.V. and Vermeulen, N.M.		Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J.,
TITLE	Modified oligonucleotides for mismatch discrimination	TITLE	McSwiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
JOURNAL	Patent: WO 0164958-A 68 07-SEP-2001;	JOURNAL	Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
	Epoch Biosciences, Inc. (US)		Woolf, T.
FEATURES	Location/Qualifiers	FEATURES	Location/Qualifiers
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	/db_xref="taxon:32630"		/db_xref="taxon:32644"
	/note="probe sequence"		
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QY	15 bp RNA linear PAT 21-FEB-2003	15 bp RNA linear PAT 21-FEB-2003	
Db	2 TTGTTTAAATGAT 15	15 TGAGTTAAATGAT 1	
RESULT 302		RESULT 304	
LOCUS	AX638095/c	LOCUS	A36565/c
DEFINITION	Sequence 5234 from Patent EP1260586.	DEFINITION	Sequence 5 from Patent WO9325706.
ACCESSION	AX638095	ACCESSION	A36565
VERSION	AX638095.1 GI:28473709	VERSION	A36565.1 GI:2293878
KEYWORDS	unidentified	KEYWORDS	unidentified
SOURCE	unclassified.	SOURCE	unidentified
ORGANISM	unclassified.	ORGANISM	unclassified.
REFERENCE	1	REFERENCE	1 (bases 1 to 16)
AUTHORS	Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A.,	AUTHORS	Buchardt, O., Egholm, M., Nielsen, P.E., Berg, R.H. and Stanley, C.J.
	Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J.,		USE OF NUCLEIC ACID ANALOGUES IN THE INHIBITION OF NUCLEIC ACID
TITLE	McSwiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,	TITLE	AMPLIFICATION
JOURNAL	Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and	JOURNAL	Patent: WO 9325706-A 5 23-DEC-1993;
	Woolf, T.		BUCHARDT OLE (DK)
GENES	Method and reagent for inhibiting the expression of disease related	COMMENT	Other publication CU 9402951 950913
JOURNAL	Patent: EP 1260586-A 5234 27-NOV-2002;		Other publication AU 4323593 940104
RIBOZYME	PHARMACEUTICALS, INC. (US)		Other publication CA 2136831 931223
FEATURES	Location/Qualifiers		Other publication SK 149394 960110
source	1. .15		Other publication HU 71931 960228
	/organism="unidentified"		Other publication FI 945725 941205
	/mol_type="unassigned RNA"		Other publication NO 944655 950203
	/db_xref="taxon:32644"		Other publication JP 8501681 960227.

/db_xref="taxon:32644"

Query Match 14.8%; Score 10.8; DB 1; Length 16;
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 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 CATTTCCTTTGGTC 919
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 Db 16 CTTTTCCTTTGGTC 3

RESULT 305
 AX022900/c
 LOCUS AX022900 16 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 8 from Patent WO9925819.
 ACCESSION AX022900
 VERSION AX022900.1 GI:10046392
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.

REFERENCE 1
 AUTHORS Uhlmann,E., Weiser,C. and Peyman,A.
 TITLE Antisense oligonucleotides against tenascin for treating vitiligo
 JOURNAL Patent: WO 9925819-A 8 27-MAY-1999;
 UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)

FEATURES
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 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"
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Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGGT 970
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 Db 14 TCGCTACCGAAGT 1

RESULT 306
 AX022919/c
 LOCUS AX022919 16 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 27 from Patent WO9925819.
 ACCESSION AX022919
 VERSION AX022919.1 GI:10046411
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.

REFERENCE 1
 AUTHORS Uhlmann,E., Weiser,C. and Peyman,A.
 TITLE Antisense oligonucleotides against tenascin for treating vitiligo
 JOURNAL Patent: WO 9925819-A 27 27-MAY-1999;
 UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)

FEATURES
 source Location/Qualifiers
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 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGGT 970
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 Db 14 TCGCTACCGAAGT 1

RESULT 307
 AX022938/c
 LOCUS AX022938 16 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 46 from Patent WO9925819.
 ACCESSION AX022938
 VERSION AX022938.1 GI:10046431
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.

REFERENCE 1
 AUTHORS Uhlmann,E., Weiser,C. and Peyman,A.
 TITLE Antisense oligonucleotides against tenascin for treating vitiligo
 JOURNAL Patent: WO 9925819-A 46 27-MAY-1999;
 UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)

FEATURES
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGGT 970
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 Db 14 TCGCTACCGAAGT 1

RESULT 308
 AX030488/c
 LOCUS AX030488 16 bp DNA linear PAT 20-SEP-2000
 DEFINITION Sequence 8 from Patent DE19750702.
 ACCESSION AX030488
 VERSION AX030488.1 GI:10278045
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.

REFERENCE 1
 AUTHORS Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
 TITLE Antisense oligonucleotides that bind to sequences encoding human tenascin for treating depigmentation, cancer, inflammation and cardiovascular disease
 JOURNAL Patent: DE 19750702-A 8 27-MAY-1999;
 HOECHST MARION ROUSSEL DE GMBH (DE)

FEATURES
 source Location/Qualifiers
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 exon

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGGT 970
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 Db 14 TCGCTACCGAAGT 1

RESULT 309
 AX030507/c
 LOCUS AX030507 16 bp DNA linear PAT 20-SEP-2000
 DEFINITION Sequence 27 from Patent DE19750702.
 ACCESSION AX030507
 VERSION AX030507.1 GI:10278064
 KEYWORDS
 SOURCE unidentified

ORGANISM unidentified
REFERENCE 1 unclassified.
AUTHORS Feyman,A.D., Uhlmann,E.D. and Weiser,C.D.
TITLE Antisense oligonucleotides that bind to sequences encoding human
tenascin for treating degeneration, cancer, inflammation and
cardiovascular disease
JOURNAL Patent: DE 19750702-A 27 MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 957 TCCTACCAACGGT 970
Db 14 TCCTACCAACGGT 1
RESULT 310
AX030526/c
LOCUS AX030526 16 bp DNA linear PAT 20-SEP-2000
DEFINITION Sequence 46 from Patent DE19750702.
ACCESSION AX030526
VERSION AX030526.1 GI:10278083
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 unclassified.
AUTHORS Feyman,A.D., Uhlmann,E.D. and Weiser,C.D.
TITLE Antisense oligonucleotides that bind to sequences encoding human
tenascin for treating degeneration, cancer, inflammation and
cardiovascular disease
JOURNAL Patent: DE 19750702-A 46 27-MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES Location/Qualifiers
source
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 957 TCCTACCAACGGT 970
Db 14 TCCTACCAACGGT 1
RESULT 311
AR029896/c
LOCUS AR029896 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 85 from patent US 5861244.
ACCESSION AR029896
VERSION AR029896.1 GI:5943110
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 85 19-JAN-1999;
FEATURES Location/Qualifiers
source
1. .12
/organism="unknown"

/mol_type="unassigned DNA"
Query Match 14.2%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 934 CTCCTCTTCATT 945
Db 12 CTCCTCTTCATT 1
RESULT 312
AR241998/c
LOCUS AR241998 12 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 286 from patent US 6472154.
ACCESSION AR241998
VERSION AR241998.1 GI:27287810
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 286 29-OCT-2002;
FEATURES Location/Qualifiers
source
1. .12
/organism="unknown"
/mol_type="genomic DNA"
Query Match 14.2%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 931 TCCCTCTCTCTC 942
Db 12 TCCCTCTCTCTC 1
RESULT 313
I06686
LOCUS I06686 14 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 4 from Patent WO 9009447.
ACCESSION I06686
VERSION I06686.1 GI:589474
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Goldstein,J., Pollitt,S.N., Inouye,M. and C07K13.
TITLE RECOMBINANT COLD SHOCK PROTEIN, PRODUCTION AND USE IN AGRICULTURE
JOURNAL Patent: WO 9009447-A 4 23-AUG-1990;
FEATURES Location/Qualifiers
source
1. .14
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 14.2%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 943 ATTGGTTTAATG 954
Db 2 AATGGTTTAATG 13
RESULT 314
S81271/c
LOCUS S81271 14 bp mRNA linear PRI 07-MAY-1993
DEFINITION Mitochondrial acetoacetyl-coenzyme A thiolase [human, mRNA Partial
Mutant, 14 nt].
ACCESSION S81271

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VERSION      S81271.1  GI:245356
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
REFERENCE    1 (bases 1 to 15)
AUTHORS      Robinson,G.S. and Smith,L.Elaine.Hodgson.
TITLE        Inhibition of neovascularization using VEGF-specific
              oligonucleotides
JOURNAL      Patent: US 5801156-A 19 01-SEP-1998;
FEATURES     Location/Qualifiers
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              /organism="Homo sapiens"
              /mol_type="mRNA"
              /db_xref="taxon:9606"
              1..14
              /genes="mitochondrial acetoacetyl-coenzyme A thiolase"

Query Match      14.2%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      919  CTTTGCTTTTA 930
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RESULT 315
AR011372  LOCUS      15 bp      DNA      linear      PAT 04-DEC-1998
DEFINITION Sequence 245 from patent US 5762938.
ACCESSION AR011372
VERSION    AR011372.1  GI:3969362
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
            Riviere,M., de Taisne,C., Limbach,K.J., Johnson,G.P., Pincus,S.E.,
            Cox,W.I., Audonnet,J.-C.Francis. and Gettig,R.Robert.
TITLE      Modified recombinant vaccinia virus and expression vectors thereof
JOURNAL    Patent: US 5762938-A 245 09-JUN-1998;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      945  TGGTTTAATGTA 956
          |||||
          4  TGGTTTAATGCA 15

RESULT 316
AR037374  LOCUS      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 19 from patent US 5801156.
ACCESSION AR037374
VERSION    AR037374.1  GI:5955230
KEYWORDS

SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
            Riviere,M., de Taisne,C., Limbach,K.J., Johnson,G.P., Pincus,S.E.,
            Cox,W.I., Audonnet,J.-C.F. and Gettig,R.R.
TITLE      NYVAC vaccinia virus recombinants comprising heterologous inserts
JOURNAL    Patent: US 5494807-A 245 27-FEB-1996;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 15;

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SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 15)
AUTHORS      Robinson,G.S. and Smith,L.Elaine.Hodgson.
TITLE        Inhibition of neovascularization using VEGF-specific
              oligonucleotides
JOURNAL      Patent: US 5801156-A 19 01-SEP-1998;
FEATURES     Location/Qualifiers
              source
              1..15
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      934  CTCCTCTTCATT 945
          |||||
          3  CTCCTCTTCCTT 14

RESULT 317
AR043855  LOCUS      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 19 from patent US 5814620.
ACCESSION AR043855
VERSION    AR043855.1  GI:5964863
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Robinson,G.S. and Smith,L.Elaine.Hodgson.
TITLE      Inhibition of neovascularization using vegf-specific
              oligonucleotides
JOURNAL    Patent: US 5814620-A 19 29-SEP-1998;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      934  CTCCTCTTCATT 945
          |||||
          3  CTCCTCTTCCTT 14

RESULT 318
I18010    LOCUS      15 bp      DNA      linear      PAT 07-OCT-1996
DEFINITION Sequence 245 from patent US 5494807.
ACCESSION I18010
VERSION    I18010.1  GI:1598365
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
            Riviere,M., de Taisne,C., Limbach,K.J., Johnson,G.P., Pincus,S.E.,
            Cox,W.I., Audonnet,J.-C.F. and Gettig,R.R.
TITLE      NYVAC vaccinia virus recombinants comprising heterologous inserts
JOURNAL    Patent: US 5494807-A 245 27-FEB-1996;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 15;

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Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGTA 956
|||||
Db 4 TGGTTTAATGCA 15

RESULT 319
I39400
LOCUS I39400 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 438 from patent US 5616488.
ACCESSION I39400
VERSION I39400.1 GI:2083880
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 438 01-APR-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATG 946
|||||
Db 2 TCCTCTTCGTG 13

RESULT 320
I39401
LOCUS I39401 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 439 from patent US 5616488.
ACCESSION I39401
VERSION I39401.1 GI:2083881
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 439 01-APR-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATG 946
|||||
Db 1 TCCTCTTCGTG 12

RESULT 321
I47006
LOCUS I47006 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5639736.
ACCESSION I47006
VERSION I47006.1 GI:2470971
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

Unclassified.
1 (bases 1 to 15)
AUTHORS Robinson,G.S.
TITLE Human VEGF-specific oligonucleotides
JOURNAL Patent: US 5639736-A 19 17-JUN-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATT 945
|||||
Db 3 CTCCTCTTCCTT 14

RESULT 322
I47654
LOCUS I47654 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5639872.
ACCESSION I47654
VERSION I47654.1 GI:2471619
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Robinson,G.S.
TITLE Human VEGF-specific oligonucleotides
JOURNAL Patent: US 5639872-A 19 17-JUN-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATT 945
|||||
Db 3 CTCCTCTTCCTT 14

RESULT 323
I63155
LOCUS I63155 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5661135.
ACCESSION I63155
VERSION I63155.1 GI:2480863
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Robinson,G.S.
TITLE Human VEGF-specific oligonucleotides
JOURNAL Patent: US 5661135-A 19 26-AUG-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATT 945
|||||
Db 3 CTCCTCTTCCTT 14

RESULT 324
I63155
LOCUS I63155 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5661135.
ACCESSION I63155
VERSION I63155.1 GI:2480863
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Robinson,G.S.
TITLE Human VEGF-specific oligonucleotides
JOURNAL Patent: US 5661135-A 19 26-AUG-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATT 945
|||||
Db 3 CTCCTCTTCCTT 14

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RESULT 324
LOCUS      I81412                      15 bp      DNA      linear      PAT 10-JUN-1998
DEFINITION Sequence 19 from patent US 5710136.
ACCESSION  I81412
VERSION     I81412.1 GI:3209709
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Robinson,G.S. and Smith,L.Elaine.Hodgson.
TITLE      Inhibition of neovascularization using VEGF-specific oligonucleotides
JOURNAL    Patent: US 5710136-A 19 20-JAN-1998;
FEATURES   source
            Location/Qualifiers
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      922  TGCCTTTTATCC 933
Db      3  TTCTTTTATCC 14

RESULT 327
LOCUS      AR326712                    15 bp      RNA      linear      PAT 17-AUG-2003
DEFINITION Sequence 4114 from patent US 6566127.
ACCESSION  AR326712
VERSION     AR326712.1 GI:33712520
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE      Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL    Patent: US 6566127-A 4114 20-MAY-2003;
FEATURES   source
            Location/Qualifiers
            1..15
            /organism="unknown"
            /mol_type="unassigned RNA"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      922  TGCCTTTTATCC 933
Db      3  TTCTTTTATCC 14

RESULT 328
LOCUS      AX635683                    15 bp      RNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 2822 from Patent EP1260586.
ACCESSION  AX635683
VERSION     AX635683.1 GI:28471297
KEYWORDS   unidentified
SOURCE      unidentified
ORGANISM    unclassified.
REFERENCE   1
AUTHORS    Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J., McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and Woolf,T.
TITLE      Method and reagent for inhibiting the expression of disease related genes
JOURNAL    Patent: EP 1260586-A 2822 27-NOV-2002;
FEATURES   source
            Location/Qualifiers
            1..15
            /organism="unidentified"
            /mol_type="unassigned RNA"
            /db_xref="taxon:32644"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      922  TGCCTTTTATCC 933
Db      3  TTCTTTTATCC 14

RESULT 329
LOCUS      AX635683                    15 bp      RNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 2822 from Patent EP1260586.
ACCESSION  AX635683
VERSION     AX635683.1 GI:28471297
KEYWORDS   unidentified
SOURCE      unidentified
ORGANISM    unclassified.
REFERENCE   1
AUTHORS    Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J., McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and Woolf,T.
TITLE      Method and reagent for inhibiting the expression of disease related genes
JOURNAL    Patent: EP 1260586-A 2822 27-NOV-2002;
FEATURES   source
            Location/Qualifiers
            1..15
            /organism="unidentified"
            /mol_type="unassigned RNA"
            /db_xref="taxon:32644"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      922  TGCCTTTTATCC 933
Db      3  TTCTTTTATCC 14

RESULT 325
LOCUS      I93803                      15 bp      DNA      linear      PAT 01-DEC-1998
DEFINITION Sequence 19 from patent US 5731294.
ACCESSION  I93803
VERSION     I93803.1 GI:3938273
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Robinson,G.S. and Hodgson Smith,L.Elaine.
TITLE      Inhibition of neovascularization using VEGF-specific oligonucleotides
JOURNAL    Patent: US 5731294-A 19 24-MAR-1998;
FEATURES   source
            Location/Qualifiers
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      934  CTCCTCTTCATT 945
Db      3  CTCCTCTTCCTT 14

RESULT 326
LOCUS      AR192970                    15 bp      DNA      linear      PAT 20-APR-2002
DEFINITION Sequence 8458 from patent US 6346398.
ACCESSION  AR192970
VERSION     AR192970.1 GI:20238935
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Burgo,D., McSwiggen,J. Stinchcomb,D. and Escobedo,J.
TITLE      Method and reagent for inhibiting the expression of disease related genes
JOURNAL    Patent: US 6346398-A 8458 20-APR-2002;
FEATURES   source
            Location/Qualifiers
            1..15
            /organism="unidentified"
            /mol_type="unassigned RNA"
            /db_xref="taxon:32644"

Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      934  CTCCTCTTCATT 945
Db      3  CTCCTCTTCCTT 14

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Query Match 14.2%; Score 10.4; DB 1; Length 15;


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Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTG 946
Db 2 TCCTCTTCATTG 13

RESULT 329
AX635685
LOCUS AX635685
DEFINITION Sequence 2824 from Patent EP1260586.
ACCESSION AX635685
VERSION AX635685.1 GI:28471299
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowira,B., Grimm,S., Drenzo,A.,
Karpisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Meswigen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweeder,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 2824 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1.15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTG 946
Db 1 TCCTCTTCATTG 12

RESULT 330
BD208754
LOCUS BD208754
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection.
ACCESSION BD208754
VERSION BD208754.1 GI:33018524
KEYWORDS JP 2002512791-A/2344.
SOURCE unidentified
ORGANISM unidentified
REFERENCE
1 (bases 1 to 15)
AUTHORS Blatt,L., Meswigen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
JOURNAL Patent: JP 2002512791-A 2344 08-MAY-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Hepatitis virus (hepatitis C virus)
PN JP 2002512791-A/2344
PD 08-MAY-2002
PF 26-APR-1999 JP 2000545991
PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR
25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
LAWRENCE BLATT,JAMES A MCSWIGGEN,ELISABETH ROBERTS,PAMELA A PI
PAVCO.
PI DENNIS MACEJAK
PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
PC A61K37/66,
PC C12N15/00
CC Enzymatic nucleic acid treatment of diseases or conditions related to

```

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CC hepatitis C virus infection.
FH key Location/Qualifiers
FT source 1.15
FT /organism="Hepatitis virus (hepatitis C FT
virus)",
FEATURES
source
1.15
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCCTCTCTTCA 943
Db 4 CCCTCTCTTCA 15

RESULT 331
AJ595319
LOCUS AJ595319
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone
415A12.
ACCESSION AJ595319
VERSION AJ595319.1 GI:37944943
KEYWORDS left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.
1
REFERENCE
AUTHORS Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,
Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelleier,G.,
Lepiniec,L., Caboche,M. and Lecharny,A.
TITLE T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites
JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE 22363535
PUBMED 12446565
REFERENCE
2 (bases 1 to 15)
AUTHORS Balzerque,S.
TITLE Direct Submission
JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
FEATURES
source
1.15
Location/Qualifiers
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Wassilewskija"
/db_xref="taxon:3702"
/clone="415A12"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
misc_feature 1.15
/feature="T-DNA flanking sequence
left border"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e-02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 918 TCCTTGCCTTT 929
Db 4 TCATTGCTTT 15

RESULT 332
A45224/c
LOCUS
DEFINITION Sequence 101 from Patent WO9517507.
ACCESSION A45224
VERSION A45224.1 GI:2299719
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W., Schlingensiepen,K., Schlingensiepen,R. and Schlingensiepen,G.
TITLE ANTISENSE NUCLEIC ACIDS FOR THE PREVENTION AND TREATMENT OF DISORDERS IN WHICH EXPRESSION OF C-erbB PLAYS A ROLE
JOURNAL Patent: WO 9517507-A 101 29-JUN-1995;
COMMENT BIOGNOSTIK GES (DE)
FEATURES Other publication AU 1313095 950710.
source Location/Qualifiers
1..16
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 917 GTCTTTGCCCTT 928
Db 13 GTTTTGCCTT 2

RESULT 333
A88985/c
LOCUS
DEFINITION Sequence 1133 from Patent WO9833904.
ACCESSION A88985
VERSION A88985.1 GI:6737555
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 1133 06-AUG-1998;
FEATURES BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
source Location/Qualifiers
1..16
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 917 GTCTTTGCCCTT 928
Db 13 GTTTTGCCTT 2

RESULT 334
A89573/c
LOCUS
DEFINITION Sequence 1721 from Patent WO9833904.

ACCESSION A89573
VERSION A89573.1 GI:6738143
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 1721 06-AUG-1998;
FEATURES BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
source Location/Qualifiers
1..16
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATG 946
Db 15 TTCCTTCATG 4

RESULT 335
AR029978/c
LOCUS
DEFINITION Sequence 167 from patent US 5861244.
ACCESSION AR029978
VERSION AR029978.1 GI:5943192
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 167 19-JAN-1999;
FEATURES Location/Qualifiers
1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCTCTTCAT 944
Db 15 CTTCCTTCAT 4

RESULT 336
AR142913/c
LOCUS
DEFINITION Sequence 9 from patent US 6204024.
ACCESSION AR142913
VERSION AR142913.1 GI:15104199
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Romano,J.W. and Lee,E.Mi.
TITLE CCR5 RNA transcription based amplification assay
JOURNAL Patent: US 6204024-A 9 20-MAR-2001;
FEATURES Location/Qualifiers
1..16
/organism="unknown"
/mol_type="unassigned DNA"

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Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTCATCG 959
|||||
Db 13 TTTAATGTCATCG 2

RESULT 337
E51108
LOCUS B51108 16 bp DNA linear PAT 31-JAN-2002
DEFINITION Method for detecting virus.
ACCESSION E51108
VERSION E51108.1 GI:18622182
KEYWORDS JP 2000312589-A/12.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS Okamura,K., Kondo,S., Sase,I., Kan,T., Furusawa,I., Mise,K.,
Watanabe,Y. and Kawakami,S.
TITLE Method for detecting virus
JOURNAL Patent: JP 2000312589-A 12 14-NOV-2000;
COMMENT BUNSHI BIO HOTONIKUSU KENKYUSHO
OS Artificial Sequence
PN JP 2000312589-A/12
PD 14-NOV-2000
PF 16-JUL-1999 JP 1999203474
PR
PI KOJI OKAMURA,SATOSHI KONDO,ICHIRO SASE,TAKAYUKI KAN, PI IWAO
FURUSAWA,
PI KAZUYUKI MISE,YUICHIRO WATANABE,SHIGEKI KAWAKAMI PC
C12N15/03,C12N7/00,C12Q1/70,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..16
/organism='Artificial Sequence'.
FEATURES
source 1..16
/organism='synthetic construct'
/db_xref='taxon:32630'

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTTG 916
|||||
Db 1 TCATTTCTTTG 12

RESULT 338
AR202867/c
LOCUS AR202867 16 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 101 from patent US 6365345.
ACCESSION AR202867
VERSION AR202867.1 GI:21499106
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W., Schlingensiepen,K.-H., Schlingensiepen,R. and
Schlingensiepen,G.-F.
TITLE Antisense nucleic acids for the prevention and treatment of
disorders in which expression of C-erbB plays a role
JOURNAL Patent: US 6365345-A 101 02-APR-2002;
FEATURES
source 1..16
/organism='unknown'
/mol_type='unassigned DNA'

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTTG 916
|||||
Db 1 TCATTTCTTTG 12

RESULT 337
E51108
LOCUS B51108 16 bp DNA linear PAT 31-JAN-2002
DEFINITION Method for detecting virus.
ACCESSION E51108
VERSION E51108.1 GI:18622182
KEYWORDS JP 2000312589-A/12.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS Okamura,K., Kondo,S., Sase,I., Kan,T., Furusawa,I., Mise,K.,
Watanabe,Y. and Kawakami,S.
TITLE Method for detecting virus
JOURNAL Patent: JP 2000312589-A 12 14-NOV-2000;
COMMENT BUNSHI BIO HOTONIKUSU KENKYUSHO
OS Artificial Sequence
PN JP 2000312589-A/12
PD 14-NOV-2000
PF 16-JUL-1999 JP 1999203474
PR
PI KOJI OKAMURA,SATOSHI KONDO,ICHIRO SASE,TAKAYUKI KAN, PI IWAO
FURUSAWA,
PI KAZUYUKI MISE,YUICHIRO WATANABE,SHIGEKI KAWAKAMI PC
C12N15/03,C12N7/00,C12Q1/70,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..16
/organism='Artificial Sequence'.
FEATURES
source 1..16
/organism='synthetic construct'
/db_xref='taxon:32630'

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTTG 916
|||||
Db 1 TCATTTCTTTG 12

RESULT 338
AR202867/c
LOCUS AR202867 16 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 101 from patent US 6365345.
ACCESSION AR202867
VERSION AR202867.1 GI:21499106
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W., Schlingensiepen,K.-H., Schlingensiepen,R. and
Schlingensiepen,G.-F.
TITLE Antisense nucleic acids for the prevention and treatment of
disorders in which expression of C-erbB plays a role
JOURNAL Patent: US 6365345-A 101 02-APR-2002;
FEATURES
source 1..16
/organism='unknown'
/mol_type='unassigned DNA'

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCCTTGGCTTT 928
|||||
Db 13 GTCCTTGGCTTT 2

RESULT 339
AR213623/c
LOCUS AR213623 16 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 57 from patent US 6405989.
ACCESSION AR213623
VERSION AR213623.1 GI:23310902
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Davis,M.E., White,R.A., Saunders,C., Polin,R., Kristiansen,K.,
Ballone,M. and Grossman,G.
TITLE Rollable sports base
JOURNAL Patent: US 6405989-A 57 18-JUN-2002;
FEATURES
source 1..16
/organism='unknown'
/mol_type='genomic DNA'

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCCTTGGCTTT 928
|||||
Db 13 GTCCTTGGCTTT 2

RESULT 340
AR364513/c
LOCUS AR364513 16 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 9 from patent US 5312912.
ACCESSION AR364513
VERSION AR364513.1 GI:34427242
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Hadwiger,L.A., Chiang,C.C. and Horovitz,D.A.
TITLE Procedures and regulatory DNA sequences for genetically engineering
disease resistance and other inducible traits in plants
JOURNAL Patent: US 5312912-A 9 17-MAY-1994;
FEATURES
source 1..16
/organism='unknown'
/mol_type='genomic DNA'

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 940 TTCATTGGTTTA 951
|||||
Db 13 TTCATTGGTTTA 2

RESULT 341
AX268349/c
LOCUS AX268349 16 bp DNA linear PAT 29-OCT-2001
DEFINITION Sequence 2 from Patent WO0175162.
ACCESSION AX268349
```

```

VERSION      AX268349.1  GI:16541567
KEYWORDS     synthetic construct
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Wang,B.
TITLE        Microarrays to screen regulatory genes
JOURNAL      Patent: WO 0175162-A 2 11-OCT-2001;
              UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC. (US)
FEATURES     Location/Qualifiers
             source
             1..16
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="primer"

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      900 CCTGTCATTT 911
Db      14 CCTGTCACITT 3

RESULT 342
BD057681/c
LOCUS       BD057681      16 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION Fusion proteins comprising bacteriophage coat protein and a
             single-chain T cell receptor.
ACCESSION   BD057681
VERSION     BD057681.1  GI:22603287
KEYWORDS    JP 2001514503-A/57.
SOURCE      Aspergillus tubingensis
ORGANISM    Aspergillus tubingensis
REFERENCE    1 (bases 1 to 16)
AUTHORS      Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes;
              Eurotiales; Trichocomaceae; mitosporic Trichocomaceae; Aspergillus.
TITLE        Weidanz,J.A.; Card,K.F. and Wong,H.C.
JOURNAL      Patent: JP 2001514503-A 57 11-SEP-2001;
              SUNOL MOLECULAR CORP
COMMENT      PN JP 2001514503-A/57
             PD 11-SEP-2001
             PF 05-MAR-1998 JP 1998537984
             PR 07-MAR-1997 US 08/813781
             PI JON A WEIDANZ,KIMBERLYN F CARD,HING C WONG
             PC C1201/68,C12N7/01,C12N15/70
             CC Strandedness: Single;
             CC Topology: Linear;
             FH Key Location/Qualifiers.
FEATURES     Location/Qualifiers
             source
             1..16
             /organism="Aspergillus tubingensis"
             /mol_type="genomic DNA"
             /db_xref="taxon:5068"

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      917 GTCCTTGCCTTT 928
Db      13 GTCCTTGCCTTT 2

RESULT 343
BD066498/c
LOCUS       BD066498      16 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION   BD066498
VERSION     BD066498.1  GI:22612101
KEYWORDS    JP 2001511000-A/1133.
SOURCE      Schlengensiepen,K.H. and Brysch,W.
ORGANISM    BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
REFERENCE    1 (bases 1 to 16)
AUTHORS      Schlengensiepen,K.H. and Brysch,W.
TITLE        An antisense oligonucleotide preparation method
JOURNAL      Patent: JP 2001511000-A 1133 07-AUG-2001;
              BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT      OS Unknown
             PN JP 2001511000-A/1133
             PD 07-AUG-2001
             PF 30-JAN-1998 JP 1998532533
             PR 31-JAN-1997 EP 97101531.8
             PI KARL HERMANN SCHLINGSIEPEN,WOLFGANG BRYSCH
             PC C12N15/11,C07H21/04,A61K31/70
             CC An antisense oligonucleotide preparation method FH Key
             Location/Qualifiers
             FT source
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             /organism="Unknown".
             Location/Qualifiers
             1..16
             /organism="unidentified"
             /mol_type="genomic DNA"
             /db_xref="taxon:32644"

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      935 TCCTTTCATTG 946
Db      13 GTCTTTGCCTTT 2

RESULT 344
BD067086/c
LOCUS       BD067086      16 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION   BD067086
VERSION     BD067086.1  GI:22612689
KEYWORDS    JP 2001511000-A/1721.
SOURCE      Schlengensiepen,K.H. and Brysch,W.
ORGANISM    BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
REFERENCE    1 (bases 1 to 16)
AUTHORS      Schlengensiepen,K.H. and Brysch,W.
TITLE        An antisense oligonucleotide preparation method
JOURNAL      Patent: JP 2001511000-A 1721 07-AUG-2001;
              BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT      OS Unknown
             PN JP 2001511000-A/1721
             PD 07-AUG-2001
             PF 30-JAN-1998 JP 1998532533
             PR 31-JAN-1997 EP 97101531.8
             PI KARL HERMANN SCHLINGSIEPEN,WOLFGANG BRYSCH
             PC C12N15/11,C07H21/04,A61K31/70
             CC An antisense oligonucleotide preparation method FH Key
             Location/Qualifiers
             FT source
             1..16
             /organism="Unknown".
             Location/Qualifiers
             1..16
             /organism="unidentified"
             /mol_type="genomic DNA"
             /db_xref="taxon:32644"

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      935 TCCTTTCATTG 946
Db      13 GTCTTTGCCTTT 2

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Db 15 TTCTCTTCATTG 4

RESULT 345
BD081511/c
LOCUS BD081511 16 bp DNA linear PAT 27-AUG-2002
DEFINITION Soluble single-chain T-cell receptor proteins.
ACCESSION BD081511
VERSION BD081511.1 GI:22627114
KEYWORDS JP 2001519143-A/57.
SOURCE synthetic construct
ORGANISM artificial construct
1 (bases 1 to 16)
REFERENCE Weidanz,J.A., Card,K.F. and Wong,H.C.
AUTHORS Soluble single-chain T-cell receptor proteins
TITLE Patent: JP 2001519143-A 57 23-OCT-2001;
JOURNAL SUNOL MOLECULAR CORP
COMMENT OS Artificial Sequence
PN JP 2001519143-A/57
PD 23-OCT-2001
PF 28-SEP-1998 JP 2000514936
PR 02-OCT-1997 US 08/943086
PI JON A WEIDANZ,KIMBERLYN F CARD,HING C WONG
PC C12N15/09,A61K38/00,A61K39/395,A61P43/00,C07K14/725,C07K16/28,
PC C12P21/02//
PC C12P21/08,C12N15/00,A61K37/02
CC Description of Artificial Sequence: primer
FH Key Location/Qualifiers
FT source 1..16
FT Location/Qualifiers
FEATURES
source 1..16
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCCTTGCCTTT 928
DB 13 GTCCTTGCCTTT 2

RESULT 346
A59571/c
LOCUS A59571 15 bp DNA linear PAT 06-MAR-1998
DEFINITION Sequence 8 from Patent WO9705279.
ACCESSION A59571
VERSION A59571.1 GI:3714883
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unclassified.
1
REFERENCE Thomas,H.C., Summerfield,J.A., Main and Janice.
AUTHORS METHODS OF PREDICTING THE OUTCOME OF INFECTION
TITLE Patent: WO 9705279-A 8 13-FEB-1997;
JOURNAL IMPERIAL COLLEGE (GB)
FEATURES
source 1..15
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGGT 948

Db 15 CTTTCTCTCTGGT 1

RESULT 347
AR029856
LOCUS AR029856 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 45 from patent US 5861244.
ACCESSION AR029856
VERSION AR029856.1 GI:5943070
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
1 (bases 1 to 15)
REFERENCE Wang,C.-G. and Hepburn,A.G.
AUTHORS Genetic sequence assay using DNA triple strand formation
TITLE Patent: US 5861244-A 45 19-JAN-1999;
JOURNAL Location/Qualifiers
FEATURES
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGTCCTTT 922
DB 1 TTTTCTTTTCCCTTT 15

RESULT 348
AR041246
LOCUS AR041246 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 36 from patent US 5811300.
ACCESSION AR041246
VERSION AR041246.1 GI:5961742
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
1 (bases 1 to 15)
REFERENCE Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
AUTHORS TNF- α ph. ribozymes
TITLE Patent: US 5811300-A 36 22-SEP-1998;
JOURNAL Location/Qualifiers
FEATURES
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 923 GCCTTTTATCCCTCC 937
DB 1 GCCTCTTCTCCTCC 15

RESULT 349
AR131847
LOCUS AR131847 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 272 from patent US 6194150.
ACCESSION AR131847
VERSION AR131847.1 GI:14120750
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
1 (bases 1 to 15)
REFERENCE Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
AUTHORS Nucleic acid based inhibition of CD40
TITLE

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JOURNAL Patent: US 6194150-A 272 27-FEB-2001;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGATC 958
| | | | | | | | | | | | | | |
Db 1 TTGCTTAATGTAAC 15

RESULT 350
BD272134 15 bp DNA linear PAT 17-JUL-2003
LOCUS Novel antisense-oligo having improved stability and antisense
DEFINITION effect.
ACCESSION BD272134
VERSION BD272134.1 GI:33081902
KEYWORDS JP 2002540813-A/2.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 15)
AUTHORS Park,J.G.
TITLE Novel antisense-oligo having improved stability and antisense
effect
JOURNAL Patent: JP 2002540813-A 2 03-DEC-2002;
COMMENT JONG GU PARK
OS Homo sapiens (human)
PN JP 2002540813-A/2
PD 03-DEC-2002
PF 04-APR-2000 JP 2000610864
PR 08-APR-1999 KR 1999/12297
PI JONG GU PARK
PC C12N15/09,A61K9/127,A61K48/00,A61P31/00,A61P35/00,A61P35/02,
A61P37/00,
PC C12Q1/68,C12N15/00
PC C12Q1/68,C12N15/00
CC Novel antisense-oligo having improved stability and antisense
effect
FH Key Location/Qualifiers
FT source 1. .15
FT /organism='Homo sapiens (human)'.

FEATURES source
Location/Qualifiers
1. .15
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 902 TGGTCATTTCTTTG 916
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Db 1 TGATCTTCTTTG 15

RESULT 351
I77340/c 15 bp DNA linear PAT 03-APR-1998
LOCUS Sequence 47 from patent US 5693532.
ACCESSION I77340
VERSION I77340.1 GI:3013494
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)

JOURNAL Patent: US 5693532-A 47 02-DEC-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 942 CATTGGTTTAATGTA 956
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Db 15 CGTTAGTTAAATGTA 1

RESULT 352
I77346/c 15 bp DNA linear PAT 03-APR-1998
LOCUS Sequence 53 from patent US 5693532.
ACCESSION I77346
VERSION I77346.1 GI:3013500
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS McSwiggen,J., Draper,K., Pavco,P. and Woolf,T.
TITLE Respiratory syncytial virus ribozymes
JOURNAL Patent: US 5693532-A 53 02-DEC-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGATC 958
| | | | | | | | | | | | | | |
Db 15 TTGATTGTATGATC 1

RESULT 353
AR211045 15 bp DNA linear PAT 20-JUN-2002
LOCUS Sequence 13 from patent US 6391555.
DEFINITION AR211045
ACCESSION AR211045
VERSION AR211045.1 GI:21513935
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Johnson,E.S.
TITLE Assay for the detection of avian leukosis/sarcoma viruses (ALSV) in
DNA from human and animal biological specimens
JOURNAL Patent: US 6391555-A 13 21-MAY-2002;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCAT 944
| | | | | | | | | | | | | | |
Db 1 AGCCTTCGCTTCAT 15

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RESULT 354
LOCUS AR211047 15 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 15 from patent US 6391555.
ACCESSION AR211047
VERSION AR211047.1 GI:21513938
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Johnson,R.S.
TITLE Assay for the detection of avian leukosis/sarcoma viruses (ALSV) in
JOURNAL DNA from human and animal biological specimens
FEATURES
    source Patent: US 6391555-A 15 21-MAY-2002;
    Location/Qualifiers
        1..15
        /organism="unknown"
        /mol_type="unassigned DNA"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCAT 944
Db 1 AGCCATCCGCTTCAT 15

RESULT 355
LOCUS AR241966/c 15 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 254 from patent US 6472154.
ACCESSION AR241966
VERSION AR241966.1 GI:27287778
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 254 29-OCT-2002;
FEATURES
    source Location/Qualifiers
        1..15
        /organism="unknown"
        /mol_type="genomic DNA"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCTTC 942
Db 15 TTCTCTCCTCTCTC 1

RESULT 356
LOCUS AR371345/c 15 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 8 from patent US 6395476.
ACCESSION AR371345
VERSION AR371345.1 GI:34608277
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Thomas,H.C., Summerfield,J.A. and Main,J.
TITLE Methods of predicting the outcome of HBV infection
JOURNAL Patent: US 6395476-A 8 28-MAY-2002;
FEATURES
    source Location/Qualifiers
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    source 1..15
    /organism="unknown"
    /mol_type="genomic DNA"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGGT 948
Db 15 CTTTCTTCCTTGGT 1

RESULT 357
LOCUS AX357289/c 15 bp DNA linear PAT 13-FEB-2002
DEFINITION Sequence 13 from Patent WO0185208.
ACCESSION AX357289
VERSION AX357289.1 GI:18674441
KEYWORDS
    source synthetic construct
    ORGANISM synthetic construct
    REFERENCE 1 artificial sequences.
    AUTHORS Sebbel,P., Dunant,N., Bachmann,M., Tissot,A. and Lechener,F.
    TITLE Molecular antigen arrays and vaccines
    JOURNAL Patent: WO 0185208-A 13 15-NOV-2001;
    Cytos Biotechnology AG (CH) ; Sebbel, Peter (CH) ; Dunant, Nicolas
    (CH) ; Bachmann, Martin (CH) ; Tissot, Alain (CH) ; Lechener,
    Franziska (CH)
FEATURES
    source Location/Qualifiers
        1..15
        /organism="synthetic construct"
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        /db_xref="taxon:32630"
        /note="Modified ribosome binding site"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CTTTATCCCTCCTCCT 938
Db 15 GCTTTTACCTCCT 1

RESULT 358
LOCUS AX456096 15 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 9 from Patent WO0209751.
ACCESSION AX456096
VERSION AX456096.1 GI:21715043
KEYWORDS
    source Escherichia coli
    ORGANISM Escherichia coli
    REFERENCE 1 Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;
    Enterobacteriaceae; Escherichia.
    AUTHORS Bachmann,M.F. and Renner,W.A.
    TITLE Compositions for inducing self-specific anti-ige antibodies and
    JOURNAL uses thereof
    VERSION Patent: WO 0209751-A 9 07-FEB-2002;
    Cytos Biotechnology AG (CH) ; Bachmann, Martin (CH) ; Renner,
    Wolfgang Andreas (CH)
FEATURES
    source Location/Qualifiers
        1..15
        /organism="Escherichia coli"
        /mol_type="unassigned DNA"
        /db_xref="taxon:562"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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ORGANISM      unclassified
REFERENCE
AUTHORS      Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
              Karpelsky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
              McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
              Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
              Woolf,T.
TITLE        Method and reagent for inhibiting the expression of disease related
              genes
JOURNAL      Patent: EP 1260586-A 5159 27-NOV-2002;
              RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source      1. .15
              /organism="unidentified"
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              /db_xref="taxon:32644"

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      942 CATTGTTTAATGTA 956
Db      15 CGTAGTAAATGTA 1

RESULT 364
AX38032/c
LOCUS      AX38032      15 bp      RNA      linear      PAT 21-FEB-2003
DEFINITION      Sequence 5171 from Patent EP1260586.
ACCESSION      AX38032
VERSION      AX38032.1 GI:28473646
KEYWORDS
SOURCE      unidentified
ORGANISM      unidentified
              unclassified.

REFERENCE
AUTHORS      Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
              Karpelsky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
              McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
              Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
              Woolf,T.
TITLE        Method and reagent for inhibiting the expression of disease related
              genes
JOURNAL      Patent: EP 1260586-A 5171 27-NOV-2002;
              RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source      1. .15
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              /mol_type="unassigned RNA"
              /db_xref="taxon:32644"

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      944 TTGTTTAATGATC 958
Db      15 TTGATTGATGATC 1

RESULT 365
AR162296
LOCUS      AR162296      10 bp      DNA      linear      PAT 17-OCT-2001
DEFINITION      Sequence 31 from patent US 6258585.
ACCESSION      AR162296
VERSION      AR162296.1 GI:16229453
KEYWORDS      Unknown.
SOURCE      Unclassified.
REFERENCE      1 (bases 1 to 10)

ORGANISM      unclassified
REFERENCE
AUTHORS      Draper,K.G.
              Method and reagent for inhibiting influenza virus replication
JOURNAL      Patent: US 6258585-A 31 10-JUL-2001;
              Location/Qualifiers
FEATURES
source      1. .10
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      902 TGGTCATTTT 911
Db      1 TGGTCATTTT 10

RESULT 366
BD239444/c
LOCUS      BD239444      10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION      Preparation and use of superior vaccines.
ACCESSION      BD239444
VERSION      BD239444.1 GI:33049214
KEYWORDS      JP 2002534056-A/862.
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
              1 (bases 1 to 10)
              Roberts,B.L. and Shankara,S.
              Preparation and use of superior vaccines
              Patent: JP 2002534056-A 862 15-OCT-2002;
              GENZYME CORP
              OS Homo sapiens (human)
              PN JP 2002534056-A/862
              PD 15-OCT-2002
              PF 18-JUN-1999 JP 2000554749
              PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
              19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
              19-JUN-1998 US 60/089937,19-JUN-1998 US 60/090079 PR
              19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR
              19-JUN-1998 US 60/089932,19-JUN-1998 US 60/090072 PR
              19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR
              19-JUN-1998 US 60/090000,19-JUN-1998 US 60/090048 PR
              19-JUN-1998 US 60/089999,19-JUN-1998 US 60/090043 PR
              19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090036 PR
              19-JUN-1998 US 60/090044,19-JUN-1998 US 60/089844 PR
              19-JUN-1998 US 60/090080,19-JUN-1998 US 60/089833 PR
              19-JUN-1998 US 60/089994,19-JUN-1998 US 60/090077 PR
              19-JUN-1998 US 60/090078,19-JUN-1998 US 60/090047 PR
              19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
              08-DEC-1998 US 60/111715
              PI BRUCE L ROBERTS,SRINIVAS SHANKARA
              PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
              C12N1/19,
              PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
              G01N37/00,
              PC C12N15/00,C12N5/00,C12N15/00
              CC Preparation and use of superior vaccines
              FH Key      Location/Qualifiers
              FT source      1. .10
              FT      /organism='Homo sapiens (human)'.
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              source      1. .10
              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      913 TTGTCATTTT 922

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Db      10 TTGTGCTTT 1
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RESULT 367
BD239620/c
LOCUS   BD239620
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239620
VERSION   BD239620.1 GI:33049390
KEYWORDS JP 2002534056-A/1038.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS 1 (bases 1 to 10)
TITLE    Preparation and use of superior vaccines
JOURNAL  Patent: JP 2002534056-A 1038 15-OCT-2002;
GENZYME CORP
COMMENT  OS Homo sapiens (human)
PN JP 2002534056-A/1038
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
19-JUN-1998 US 60/089977,19-JUN-1998 US 60/090079 PR
19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR
19-JUN-1998 US 60/089992,19-JUN-1998 US 60/090072 PR
19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR
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19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090036 PR
19-JUN-1998 US 60/090044,19-JUN-1998 US 60/089844 PR
19-JUN-1998 US 60/090080,19-JUN-1998 US 60/089833 PR
19-JUN-1998 US 60/089994,19-JUN-1998 US 60/090077 PR
19-JUN-1998 US 60/090078,19-JUN-1998 US 60/090047 PR
19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
G01N37/00.
PC C12N15/00,C12N5/00,C12N15/00
CC Preparation and use of superior vaccines
FH Key Location/Qualifiers
FT source 1..10
FT /organism='Homo sapiens (human)'.
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/organism='Homo sapiens'
/mol_type='genomic DNA'
/db_xref='taxon:9606'
Query Match 13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 918 TCTTTCCTT 927
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Db 10 TCTTTCCTT 1
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RESULT 369
AX152157
LOCUS AX152157
DEFINITION Sequence 72 from Patent WO0138577.
ACCESSION AX152157
VERSION AX152157.1 GI:14533808
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS 1
TITLE Human transcripts
JOURNAL Patent: WO 0138577-A 72 31-MAY-2001;
The Johns Hopkins University (US)
LOCATION/Qualifiers
source 1..10
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS 1
TITLE Human transcripts
JOURNAL Patent: WO 0138577-A 72 31-MAY-2001;
The Johns Hopkins University (US)
LOCATION/Qualifiers
source 1..10
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Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 941 TCATTGGTTT 950
Db 1 TCATTGGTTT 10

RESULT 370
AX711012      10 bp RNA linear PAT 11-APR-2003
LOCUS
DEFINITION Sequence 312 from Patent EP1288296.
ACCESSION AX711012
VERSION AX711012.1 GI:29787393
KEYWORDS
SOURCE
ORGANISM Influenza virus
VIRUSES: seRNA negative-strand viruses; Orthomyxoviridae;
unclassified Orthomyxoviridae.
REFERENCE
AUTHORS Draper, K.G., McSwiggen, J.A., Holecsek, J.J., Dudycz, L.W.,
Macejak, D.G., and Mamone, J.A.
TITLE Method and reagent for inhibiting HBV viral replication
JOURNAL Patent: EP 1288296-A 312 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1.10
Location/Qualifiers
/organism="Influenza virus"
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/db_xref="taxon:11309"

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 902 TGGTCATTTT 911
Db 1 TGGTCATTTT 10

RESULT 371
BD001153      10 bp RNA linear PAT 31-JAN-2002
LOCUS
DEFINITION Method and reagent for inhibiting viral replication.
ACCESSION BD001153
VERSION BD001153.1 GI:18625712
KEYWORDS JP 2000342285-A/313.
synthetic construct
SOURCE artificial sequences.
ORGANISM
REFERENCE 1 (bases 1 to 10)
AUTHORS Draper, K.G., Dadykztz, L.W., Macswigen, J.A., Maysejak, D.G.,
Holecsek, J.J., and Mamone, A.J.
TITLE Method and reagent for inhibiting viral replication
JOURNAL Patent: JP 2000342285-A 313 12-DEC-2000;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2000342285-A/313
PD 12-DEC-2000
PF 01-MAY-2000 JP 200032616
PR 11-MAY-1992 US 07/882689, 14-MAY-1992 US 07/882712 PR
14-MAY-1992 US 07/882713, 14-MAY-1992 US 07/882714 PR
14-MAY-1992 US 07/882823, 14-MAY-1992 US 07/882824 PR
14-MAY-1992 US 07/882886, 14-MAY-1992 US 07/882888 PR
14-MAY-1992 US 07/882889, 14-MAY-1992 US 07/882921 PR
14-MAY-1992 US 07/882922, 14-MAY-1992 US 07/883823 PR
14-MAY-1992 US 07/883849, 14-MAY-1992 US 07/884073 PR
14-MAY-1992 US 07/884074, 14-MAY-1992 US 07/884333 PR
14-MAY-1992 US 07/884422, 14-MAY-1992 US 07/884521 PR
14-MAY-1992 US 07/884436, 14-MAY-1992 US 07/884521 PR
31-JUL-1992 US 07/923738, 26-AUG-1992 US 07/935854 PR
26-AUG-1992 US 07/936086, 18-SEP-1992 US 07/948359 PR
15-OCT-1992 US 07/963322, 07-DEC-1992 US 07/987129 PR
15-OCT-1992 US 07/987130, 07-DEC-1992 US 07/987133 PR
KENNETH G DRAPER, LEC W DADYKZT, JAMES A MACSWIGEN, PI DENNIS G
MAYSEJAK,
PI JAMES J HOLESEK, ANTHONY J MAMONE
PC C12N15/09, C12N5/10, C12N7/00, C12N9/22, A61K39/13, A61K39/135,
PC A61K39/145, A61K39/21, A61K39/23, A61K39/245, A61K39/29, A61K48/00,
PC A61P1/16
PC A61P1/14, A61P31/15, A61P31/18, A61P31/22, A61P35/02, C12Q1/68, PC
(C12N15/09, C12R1:93), C12N15/00, C12N5/00, A61K37/48, (C12N15/00, PC
C12R1:93)
CC
PH Key Location/Qualifiers

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Qy 902 TGGTCATTCT 911
Db 1 TGGTCATTCT 10

RESULT 373
LOCUS I03849 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 6 from Patent EP 0068693.
ACCESSION I03849
VERSION I03849.1 GI:591988
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 11)
  Kleid,D.G. and Yansura,D.G.
  Production of foot and mouth disease vaccine from microbially
  expressed antigens
  Patent: EP 0068693-A2 6 05-JAN-1983;
JOURNAL
  Location/Qualifiers
FEATURES
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    1. .11
    /organism="unknown"
    /mol_type="unassigned DNA"
Query Match
  Best Local Similarity 13.7%; Score 10; DB 1; Length 11;
  Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 933 CCTCCTCTTC 942
Db 2 CCTCCTCTTC 11

RESULT 374
AX393151
LOCUS AX393151 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 81 from Patent WO0210217.
ACCESSION AX393151
VERSION AX393151.1 GI:19701201
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  St Croix,B., Kinzler,K.W. and Vogelstein,B.
  Endothelial cell expression patterns
  Patent: WO 0210217-A 81 07-FEB-2002;
JOURNAL The Johns Hopkins University (US)
FEATURES
  source
    1. .11
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"
Query Match
  Best Local Similarity 13.7%; Score 10; DB 1; Length 11;
  Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 904 GTCATTCTCT 913
Db 1 GTCATTCTCT 10

RESULT 377
AX628499
LOCUS AX628499 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5540 from Patent WO02053774.
ACCESSION AX628499
VERSION AX628499.1 GI:28456537
KEYWORDS

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Db 1 GTCATTCTCT 10

RESULT 375
AX623936
LOCUS AX623936/c 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 977 from Patent WO02053774.
ACCESSION AX623936
VERSION AX623936.1 GI:28451877
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Petersohn,D., Conradt,M. and Hofmann,K.
  Method for determining homeostasis of the skin
  Patent: WO 02053774-A 977 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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Query Match
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  Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 910 TTTCTTGTC 919
Db 10 TTTCTTGTC 1

RESULT 376
AX628265
LOCUS AX628265 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5306 from Patent WO02053774.
ACCESSION AX628265
VERSION AX628265.1 GI:28456303
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Petersohn,D., Conradt,M. and Hofmann,K.
  Method for determining homeostasis of the skin
  Patent: WO 02053774-A 5306 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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Query Match
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  Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 904 GTCATTCTCT 913
Db 1 GTCATTCTCT 10

RESULT 377
AX628499
LOCUS AX628499 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5540 from Patent WO02053774.
ACCESSION AX628499
VERSION AX628499.1 GI:28456537
KEYWORDS

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SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 Petersohn, D., Conradt, M. and Hofmann, K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 5540 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES Location/Qualifiers
source 1..11
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 13.7%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.3e+02; Indels 0; Gaps 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 913 TTGTGGTCTTT 922
|||||
Db 1 TTGTGGTCTTT 10
RESULT 378
AX631357/c 11 bp DNA linear PAT 21-FEB-2003
LOCUS AX631357
DEFINITION Sequence 8399 from Patent WO02053774.
ACCESSION AX631357
VERSION AX631357.1 GI:28459403
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 Petersohn, D., Conradt, M. and Hofmann, K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 8399 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES Location/Qualifiers
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 13.7%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.3e+02; Indels 0; Gaps 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 910 TTCTTTGGTC 919
|||||
Db 10 TTCTTTGGTC 1
RESULT 379
BD248252 12 bp DNA linear PAT 17-JUL-2003
LOCUS BD248252
DEFINITION Short-chain oligonucleotide for inhibiting VEGF expression.
ACCESSION BD248252
VERSION BD248252.1 GI:33058022
KEYWORDS JP 2002524038-A/71.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 12)
AUTHORS Uhlmann, E., Peyman, A., Bitonti, A. and Woessner, R.
TITLE Short-chain oligonucleotide for inhibiting VEGF expression
JOURNAL Patent: JP 2002524038-A 71 06-AUG-2002;
COMMENT AVENTIS PHARMA DEUTSCHLAND GMBH
CS Artificial Sequence
PN JP 2002524038-A/71
PD 06-AUG-2002

PF 29-JUL-1999 JP 2000563768
PR 07-AUG-1998 EP 98114853.9
PI EUGEN UHLMANN, ANUSCHIRWAN PEYMAN, ALAN BITONTI, RICHARD WOESSNER
PC C12N15/09, A61K31/711, A61K31/712, A61K31/7125 PC
A61K48/00, A61P9/00,
PC A61P13/12, A61F17/16, A61P27/02, A61P29/00, A61P35/00, A61P43/00,
PC C12N15/00
CC Description of Artificial Sequence: Antisense PH Key
Location/Qualifiers
FT source 1..12
FT Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 13.7%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.5e+02; Indels 0; Gaps 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 911 TCTTTGGTCT 920
|||||
Db 1 TCTTTGGTCT 10
RESULT 380
I83639/c 12 bp DNA linear PAT 10-AUG-1998
LOCUS I83639
DEFINITION Sequence 13 from patent US 5714383.
ACCESSION I83639
VERSION I83639.1 GI:3407169
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Thompson, J. D.
TITLE Method and reagent for treating chronic myelogenous leukemia
JOURNAL Patent: US 5714383-A 13 03-FEB-1998;
FEATURES Location/Qualifiers
source 1..12
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 13.7%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.5e+02; Indels 0; Gaps 0;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 903 GGTCAATTTTC 912
|||||
Db 10 GGTCAATTTTC 1
RESULT 381
AR029996 14 bp DNA linear PAT 29-SEP-1999
LOCUS AR029996
DEFINITION Sequence 185 from patent US 5861244.
ACCESSION AR029996
VERSION AR029996.1 GI:5943210
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Wang, C.-G. and Hepburn, A. G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 185 19-JAN-1999;
FEATURES Location/Qualifiers
source 1..14
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.7%; Score 10; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCAT 944
 |||||

Db 2 TCCTCTTCAT 11
 |||||

RESULT 382

LOCUS AR030008

DEFINITION Sequence 197 from patent US 5861244.

ACCESSION AR030008

VERSION AR030008.1 GI:5943222

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 14)

AUTHORS Wang, C.-G. and Hepburn, A.G.

TITLE Genetic sequence assay using DNA triple strand formation

JOURNAL Patent: US 5861244-A 197 19-JAN-1999;

FEATURES Location/Qualifiers

source 1..14

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 13.7%; Score 10; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCAT 944
 |||||

Db 2 TCCTCTTCAT 11
 |||||

RESULT 383

LOCUS AX211761/c

DEFINITION Sequence 9 from Patent WO0159122.

ACCESSION AX211761

VERSION AX211761.1 GI:15523960

KEYWORDS

SOURCE Arabidopsis thaliana (thale cress)

ORGANISM Arabidopsis thaliana

Eukaryota; Viridiplantae;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.

REFERENCE 1

AUTHORS Sundaresan, V. and Rajani, S.

TITLE Dehiscence gene and methods for regulating dehiscence

JOURNAL Patent: WO 0159122-A 9 16-AUG-2001;

Institute of Molecular Agrobiolgy (SG)

FEATURES Location/Qualifiers

source 1..14

/organism="Arabidopsis thaliana"

/mol_type="unassigned DNA"

/db_xref="taxon:3702"

Query Match 13.7%; Score 10; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CTCCTCTTC 942
 |||||

Db 10 CTCCTCTTC 1

RESULT 384

LOCUS AR133832

DEFINITION Sequence 2257 from patent US 6194150.

ACCESSION AR133832
 VERSION AR133832.1 GI:14122737
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 15)

AUTHORS Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.

TITLE Nucleic acid based inhibition of CD40

JOURNAL Patent: US 6194150-A 2257 27-FEB-2001;

FEATURES Location/Qualifiers

source 1..15

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 13.7%; Score 10; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 GTCCTTGCCT 926
 |||||

Db 4 GTCCTTGCCT 13
 |||||

RESULT 385

LOCUS AR133833

DEFINITION Sequence 2258 from patent US 6194150.

ACCESSION AR133833

VERSION AR133833.1 GI:14122738

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 15)

AUTHORS Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.

TITLE Nucleic acid based inhibition of CD40

JOURNAL Patent: US 6194150-A 2258 27-FEB-2001;

FEATURES Location/Qualifiers

source 1..15

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 13.7%; Score 10; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 GTCCTTGCCT 926
 |||||

Db 4 GTCCTTGCCT 13
 |||||

RESULT 386

LOCUS AX923665/c

DEFINITION Sequence 100 from Patent WO03080638.

ACCESSION AX923665

VERSION AX923665.1 GI:40216681

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1

AUTHORS Lacasse, E., Mcmanus, D. and Durkin, J.P.

TITLE Antisense iap nucleobase oligomers and uses thereof

JOURNAL Patent: WO 03080638-A 100 02-OCT-2003;

FEATURES Location/Qualifiers

source 1..15

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="based on Homo sapiens. Each nucleobase may be part

```
of a ribonucleotide, deoxyribonucleotide, or nucleotide
analog-n = T or U"

Query Match      13.4%; Score 10; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 912 CTTTGCTCTTGCC 925
DB 15 CTNIGGCTNNNC 2

RESULT 387
AR029867
LOCUS AR029867 13 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 56 from patent US 5861244.
ACCESSION AR029867
VERSION AR029867.1 GI:5943081
KEYWORDS
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 56 19-JAN-1999;
FEATURES
source 1..13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 CCTTTATCCCTC 936
DB 1 CCTTTCCCTC 13

RESULT 388
AR058691/c
LOCUS AR058691 13 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 268 from patent US 5837832.
ACCESSION AR058691
VERSION AR058691.1 GI:5984268
KEYWORDS
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
Lipshutz,R.J., Lobb,P.E., Morris,M.S. and Sheldom,E.L.
TITLE Arrays of nucleic acid probes on biological chips
JOURNAL Patent: US 5837832-A 268 17-NOV-1998;
FEATURES
source 1..13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTGGCTTTT 922
DB 13 TTCTCTGTTCTTT 1

RESULT 389
AR175364
LOCUS AR175364 13 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 87 from patent US 6309823.

of a ribonucleotide, deoxyribonucleotide, or nucleotide
analog-n = T or U"

ACCESSION AR175364 GI:17916663
VERSION AR175364.1
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Cronin,M.T., Miyada,C.G., Hubbell,E.A., Chee,M., Fodor,S.P.A.,
Huang,X.X., Lipshutz,R.J., Lobb,P.E., Morris,M.S. and
Sheldom,E.L.
TITLE Arrays of nucleic acid probes for analyzing biotransformation genes
and methods of using the same
JOURNAL Patent: US 6309823-A 87 30-OCT-2001;
FEATURES
source 1..13
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCCTT 927
DB 1 TGGTCTTTGCCCTT 13

RESULT 390
AX498134/c
LOCUS AX498134 13 bp RNA linear PAT 26-SEP-2002
DEFINITION Sequence 167 from Patent WO02057302.
ACCESSION AX498134
VERSION AX498134.1 GI:23343086
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS de Jong,J.C., Fouchier,R.A., van den Hoogen,B.G., Osterhaus,A.D.
and Groen,J.
TITLE A virus causing respiratory tract illness in susceptible mammals
JOURNAL Patent: WO 02057302-A 167 25-JUL-2002;
Viroclinics B.V. (NL)
FEATURES
source 1..13
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
/note="Pneumovirinae"
misc_feature 1..13
/note="Essentially non-coding sequence, gene start"

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTATCCC 934
DB 13 TGTCATTTATCCC 1

RESULT 391
A40492
LOCUS A40492 14 bp DNA linear PAT 05-MAR-1997
DEFINITION Sequence 29 from Patent WO9425578.
ACCESSION A40492
VERSION A40492.1 GI:2296527
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 14)
AUTHORS
```

TITLE ANTISENSE-OLIGONUCLEOTIDES FOR THE TREATMENT OF IMMUNOSUPPRESSIVE
EFFECTS OF TRANSFORMING GROWTH FACTOR--g(b) (TGF-g(b))
JOURNAL Patent: WO 9425578-A 29 10-NOV-1994;
BIOGOSTIK GES (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCT 940

Db 2 TTATCCCTGCTGT 14

RESULT 392

A88603/c
LOCUS A88603 13.4%; Score 9.8; DB 1; Length 14; PAT 22-JAN-2000
DEFINITION Sequence 751 from Patent WO9833904.
ACCESSION A88603
VERSION A88603.1 GI:6737173

KEYWORDS

SOURCE

unidentified

unclassified

REFERENCE 1 (bases 1 to 14)

AUTHORS Brysch,W. and Schlingensiepen,K.

TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD

JOURNAL Patent: WO 9833904-A 751 06-AUG-1998;

BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTCTTTGGCTT 921

Db 14 TTATTGATCTT 2

RESULT 393

A89019
LOCUS A89019 13.4%; Score 9.8; DB 1; Length 14; PAT 22-JAN-2000
DEFINITION Sequence 1167 from Patent WO9833904.
ACCESSION A89019
VERSION A89019.1 GI:6737589

KEYWORDS

SOURCE

unidentified

unclassified

REFERENCE 1 (bases 1 to 14)

AUTHORS Brysch,W. and Schlingensiepen,K.

TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD

JOURNAL Patent: WO 9833904-A 1167 06-AUG-1998;

BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCT 940

Db 2 TTATCCCTGCTGT 14

RESULT 394

A90570/c
LOCUS A90570 13.4%; Score 9.8; DB 1; Length 14; PAT 22-JAN-2000
DEFINITION Sequence 751 from Patent EP0856579.
ACCESSION A90570
VERSION A90570.1 GI:6739084

KEYWORDS

SOURCE

unidentified

unclassified

REFERENCE 1 (bases 1 to 14)

AUTHORS Brysch,W.D. and Schlingensiepen,K.D.

TITLE An antisense oligonucleotide preparation method

JOURNAL Patent: EP 0856579-A 751 05-AUG-1998;

BIOGOSTIK GES (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTCTTTGGCTT 921

Db 14 TTATTGATCTT 2

RESULT 395

I28562/c
LOCUS I28562 13.4%; Score 9.8; DB 1; Length 14; PAT 06-FEB-1997
DEFINITION Sequence 15 from patent US 5571937.
ACCESSION I28562
VERSION I28562.1 GI:1819338

KEYWORDS

SOURCE

Unknown.

UNCLASSIFIED

REFERENCE 1 (bases 1 to 14)

AUTHORS Watanabe,K.A., Ren,W.-Y. and Weil,R.

TITLE Complementary DNA and toxins

JOURNAL Patent: US 5571937-A 15 05-NOV-1996;

FEATURES

source

1. .14
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTCCCTTTTAT 931

Db 13 CTTTCCCTTTT 1

RESULT 396

I58724/c
LOCUS I58724 13.4%; Score 9.8; DB 1; Length 14; PAT 07-OCT-1997
DEFINITION Sequence 15 from patent US 5652350.
ACCESSION I58724
VERSION I58724.1 GI:2477962

KEYWORDS

SOURCE

Unknown.

UNCLASSIFIED


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Unclassified.
REFERENCE          1 (bases 1 to 14)
AUTHORS           Watarabe,K.A., Ren,W.-Y. and Weil,R.
TITLE             Complementary DNA and toxins
JOURNAL           Patent: US 5652350-A 15 29-JUL-1997;
FEATURES          Location/Qualifiers
source            1..14
                  /organism="unknown"
                  /mol_type="unassigned DNA"

Query Match
Best Local Similarity 13.4%; Score 9.8; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTTAT 931
    |||||
Db 13 CTTTCCCTTTT 1

RESULT 397
AR232772          AR232772          14 bp DNA linear PAT 20-DEC-2002
LOCUS
DEFINITION        Sequence 29 from patent US 6455689.
ACCESSION         AR232772
VERSION           AR232772.1 GI:27275110
KEYWORDS
SOURCE            Unknown.
ORGANISM          Unclassified.
REFERENCE          1 (bases 1 to 14)
AUTHORS           Schlingsiepen,G.-F., Brysch,W., Schlingsiepen,K.-H.,
                  Schlingsiepen,R. and Bogdahn,U.
TITLE             Antisense-oligonucleotides for transforming growth factor-.beta.
                  (TGF- beta.)
JOURNAL           Patent: US 6455689-A 29 24-SEP-2002;
FEATURES          Location/Qualifiers
source            1..14
                  /organism="unknown"
                  /mol_type="genomic DNA"

Query Match
Best Local Similarity 13.4%; Score 9.8; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 TTATCCCTCTCT 940
    |||||
Db 2 TTATCCCTGCTGT 14

RESULT 398
AR408017/c       AR408017/c       14 bp RNA linear PAT 18-DEC-2003
LOCUS
DEFINITION        Sequence 110 from patent US 6632057.
ACCESSION         AR408017
VERSION           AR408017.1 GI:40158004
KEYWORDS
SOURCE            Unknown.
ORGANISM          Unclassified.
REFERENCE          1 (bases 1 to 14)
AUTHORS           Fauchet,C.R.J.
TITLE             Fixing unit with an end imprint in a threaded terminal portion
JOURNAL           Patent: US 6632057-A 110 14-OCT-2003;
FEATURES          Location/Qualifiers
source            1..14
                  /organism="unknown"
                  /mol_type="unassigned RNA"

Query Match
Best Local Similarity 13.4%; Score 9.8; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCC 934
    |||||
Db 14 TGCCTTTCTTCCC 2

RESULT 400
AX316388         AX316388         14 bp DNA linear PAT 14-DEC-2001
LOCUS
DEFINITION        Sequence 29 from Patent EP160319.
ACCESSION         AX316388
VERSION           AX316388.1 GI:17899561
KEYWORDS
SOURCE            unidentified
ORGANISM          unidentified
REFERENCE          1
AUTHORS           Schlingsiepen,G.F., Brysch,W., Schlingsiepen,K.H.,
                  Schlingsiepen,R. and Bogdahn,U.
TITLE             Antisense-oligonucleotides for the treatment of immunosuppressive
                  effects of transforming growth factor-beta (tgf-beta)
JOURNAL           Patent: EP 1160319-A 29 05-DEC-2001;
FEATURES          BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK mbH (DE)
                  Location/Qualifiers
source            1..14
                  /organism="unidentified"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:32644"
                  /note="Description of unknown: unknown"

Query Match
Best Local Similarity 13.4%; Score 9.8; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 TTATCCCTCTCT 940
    |||||
Db 2 TTATCCCTGCTGT 14

RESULT 401
BD066116/c       BD066116/c       14 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION        An antisense oligonucleotide preparation method.
ACCESSION         BD066116
VERSION           BD066116.1 GI:22611719
KEYWORDS          JP 200151000-A/751.
SOURCE            unidentified

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ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 14)
AUTHORS Schlingensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 751 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT
OS Unknown
PN JP 2001511000-A/751
PD 07-AUG-2001
PR 30-JAN-1998 JP 199832533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11.C07H21/04.A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1..14
FT Location/Qualifiers
/organism='Unknown'
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTCTTTGGTCTT 921
DB 14 TTATTGTGCTT 2

RESULT 402
BD066532 14 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD066532
VERSION BD066532.1 GI:22612135
KEYWORDS JP 2001511000-A/1167.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 14)
AUTHORS Schlingensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 1167 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT
OS Unknown
PN JP 2001511000-A/1167
PD 07-AUG-2001
PR 30-JAN-1998 JP 199832533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11.C07H21/04.A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1..14
FT Location/Qualifiers
/organism='Unknown'
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 TTATCCCTCTCT 940
DB 2 TTATCCCTCTCT 14

ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 14)
AUTHORS Schlingensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 751 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT
OS Unknown
PN JP 2001511000-A/751
PD 07-AUG-2001
PR 30-JAN-1998 JP 199832533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11.C07H21/04.A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1..14
FT Location/Qualifiers
/organism='Unknown'
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 TTATCCCTCTCT 940
DB 2 TTATCCCTCTCT 14

ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 15)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 752 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES
source
1..15
Location/Qualifiers
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTT 921
DB 15 TTTATTGTGCTT 3

RESULT 403
A88604/c 15 bp DNA linear PAT 22-JAN-2000
LOCUS
DEFINITION Sequence 752 from Patent WO9833904.
ACCESSION A88604
VERSION A88604.1 GI:6737174
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 15)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 752 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES
source
1..15
Location/Qualifiers
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTT 921
DB 15 TTTATTGTGCTT 3

RESULT 404
A90571/c 15 bp DNA linear PAT 22-JAN-2000
LOCUS
DEFINITION Sequence 752 from Patent EP0856579.
ACCESSION A90571
VERSION A90571.1 GI:6739085
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 15)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 752 05-AUG-1999;
BIOGNOSTIK GES (DE)
FEATURES
source
1..15
Location/Qualifiers
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTT 921
DB 15 TTTATTGTGCTT 3

RESULT 405
AR029953 15 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION Sequence 142 from patent US 5861244.
ACCESSION AR029953
VERSION AR029953.1 GI:5943167
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
unclassified.
REFERENCE
1 (bases 1 to 15)
AUTHORS Wang,C.-G. and Heppburn,A.G.

```

AUTHORS Gramm, S., Stinchcomb, D.T., McSwiggan, O., Sullivan, S. and Draper, K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 121 17-NOV-1998;

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/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 901 CTGGTCATTCT 913
|||||
13 CTGGCAATTCT 1

Db

RESULT 411
AR056084/c
LOCUS      AR056084      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 288 from patent US 5837542.
ACCESSION  AR056084
VERSION     AR056084.1 GI:5981661
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
          Draper,K.G.
TITLE     Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL   Patent: US 5837542-A 288 17-NOV-1998;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 959 GCTACCAACGGTG 971
|||||
15 GCTAACAAAGGTG 3

Db

RESULT 412
AR056085/c
LOCUS      AR056085      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 289 from patent US 5837542.
ACCESSION  AR056085
VERSION     AR056085.1 GI:5981662
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
          Draper,K.G.
TITLE     Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL   Patent: US 5837542-A 289 17-NOV-1998;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 959 GCTACCAACGGTG 971
|||||
14 GCTAACAAAGGTG 2

Db

RESULT 413
AR058431/c
LOCUS      AR058431      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 8 from patent US 5837832.
ACCESSION  AR058431
VERSION     AR058431.1 GI:5984008
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
          Lipshutz,R.J., Lobban,P.E., Morris,M.S. and Sheldon,E.L.
TITLE     Arrays of nucleic acid probes on biological chips
JOURNAL   Patent: US 5837832-A 8 17-NOV-1998;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTT 950
|||||
14 TCATCATTTGGTGT 2

Db

RESULT 414
AR058439/c
LOCUS      AR058439      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 16 from patent US 5837832.
ACCESSION  AR058439
VERSION     AR058439.1 GI:5984016
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
          Lipshutz,R.J., Lobban,P.E., Morris,M.S. and Sheldon,E.L.
TITLE     Arrays of nucleic acid probes on biological chips
JOURNAL   Patent: US 5837832-A 16 17-NOV-1998;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTTC 924
|||||
14 TCTTTNGTGTTC 1

Db

RESULT 415
AR058440/c
LOCUS      AR058440      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 17 from patent US 5837832.
ACCESSION  AR058440
VERSION     AR058440.1 GI:5984017
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
          Lipshutz,R.J., Lobban,P.E., Morris,M.S. and Sheldon,E.L.
TITLE     Arrays of nucleic acid probes on biological chips
JOURNAL   Patent: US 5837832-A 17 17-NOV-1998;
FEATURES   Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

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/mol_type="unassigned DNA"
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 TCTTGGCTCTTCC 924
Db 15 TCTTGGCTCTTCC 2

RESULT 416
AR113675/C
LOCUS AR113675 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 121 from patent US 6132967.
ACCESSION AR113675
VERSION AR113675.1 GI:14093997
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 121 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 901 CTGGTCATTTCT 913
Db 13 CTGGGAATTTCT 1

RESULT 417
AR113842/C
LOCUS AR113842 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 288 from patent US 6132967.
ACCESSION AR113842
VERSION AR113842.1 GI:14094164
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 288 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 959 GCTACCAAGGTG 971
Db 15 GCTAACAAAGGTG 3

RESULT 418
AR113843/C
LOCUS AR113843 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 289 from patent US 6132967.
ACCESSION AR113843
VERSION AR113843.1 GI:14094165
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 289 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 959 GCTACCAAGGTG 971
Db 14 GCTAACAAAGGTG 2

RESULT 419
AR13323/C
LOCUS AR13323 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1748 from patent US 6194150.
ACCESSION AR13323
VERSION AR13323.1 GI:14122228
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
TITLE Nucleic acid based inhibition of CD40
JOURNAL Patent: US 6194150-A 1748 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..15
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTT 950
Db 14 TCTTCATTGGTTT 2

RESULT 420
AR133386
LOCUS AR133386 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1811 from patent US 6194150.
ACCESSION AR133386
VERSION AR133386.1 GI:14122291
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
TITLE Nucleic acid based inhibition of CD40
JOURNAL Patent: US 6194150-A 1811 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..15
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 84.6%; Pred. No. 3.1e+02;
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 934 CTCCTCTTCTATTG 946
 |||||
 Db 3 CTCGTCATCATG 15

RESULT 421

I21576 I21576 15 bp DNA linear PAT 07-OCT-1996
 DEFINITION Sequence 123 from patent US 5521300.

ACCESSION I21576
 VERSION I21576.1 GI:1601930

KEYWORDS
 SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)

AUTHORS Shah,J.S., Nietupski,R.M. and Liu,J.
 TITLE Oligonucleotides complementary to mycobacterial nucleic acids
 JOURNAL Patent: US 5521300-A 123 28-MAY-1996;
 FEATURES Location/Qualifiers

source

1. .15

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 73.3%; Pred. No. 3.1e+02;
 Matches 11; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 920 TTGGCCTTTATCCC 934
 |||||
 Db 1 TTAGCMTTTCACCCC 15

RESULT 422

I21578 I21578 15 bp DNA linear PAT 07-OCT-1996
 DEFINITION Sequence 125 from patent US 5521300.

ACCESSION I21578
 VERSION I21578.1 GI:1601932

KEYWORDS
 SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)

AUTHORS Shah,J.S., Nietupski,R.M. and Liu,J.
 TITLE Oligonucleotides complementary to mycobacterial nucleic acids
 JOURNAL Patent: US 5521300-A 125 28-MAY-1996;
 FEATURES Location/Qualifiers

source

1. .15

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 73.3%; Pred. No. 3.1e+02;
 Matches 11; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 920 TTGGCCTTTATCCC 934
 |||||
 Db 1 TTGGCMTTTCACCCC 15

RESULT 423

I39026 I39026 15 bp DNA linear PAT 13-MAY-1997
 DEFINITION Sequence 64 from patent US 5616488.

ACCESSION I39026
 VERSION I39026.1 GI:2083506

KEYWORDS
 SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)

AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
 TITLE IL-5 targeted ribozymes
 JOURNAL Patent: US 5616488-A 64 01-APR-1997;
 FEATURES Location/Qualifiers

source

1. .15

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 84.6%; Pred. No. 3.1e+02;
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAATGT 955
 |||||
 Db 15 ATTGGTTTAAATGT 3

RESULT 424

I39035 I39035 15 bp DNA linear PAT 13-MAY-1997
 DEFINITION Sequence 73 from patent US 5616488.

ACCESSION I39035
 VERSION I39035.1 GI:2083515

KEYWORDS
 SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)

AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
 TITLE IL-5 targeted ribozymes
 JOURNAL Patent: US 5616488-A 73 01-APR-1997;
 FEATURES Location/Qualifiers

source

1. .15

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 84.6%; Pred. No. 3.1e+02;
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGTA 956
 |||||
 Db 1 TTGGTTTAAATGTA 13

RESULT 425

I39131 I39131 15 bp DNA linear PAT 13-MAY-1997
 DEFINITION Sequence 169 from patent US 5616488.

ACCESSION I39131
 VERSION I39131.1 GI:2083611

KEYWORDS
 SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)

AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
 TITLE IL-5 targeted ribozymes
 JOURNAL Patent: US 5616488-A 169 01-APR-1997;
 FEATURES Location/Qualifiers

source

1. .15

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 84.6%; Pred. No. 3.1e+02;
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAATGT 955
Db 2 ATTTATTAAATGT 14

RESULT 426
I39132
LOCUS I39132 linear PAT 13-MAY-1997
DEFINITION Sequence 170 from patent US 5616488.
ACCESSION I39132
VERSION I39132.1 GI:2083612
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 170 01-APR-1997;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAATGT 955
Db 1 ATTTATTAAATGT 13

RESULT 427
I39398
LOCUS I39398 linear PAT 13-MAY-1997
DEFINITION Sequence 436 from patent US 5616488.
ACCESSION I39398
VERSION I39398.1 GI:2083878
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 436 01-APR-1997;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAATGT 955
Db 1 ATTTATTAAATGT 13

RESULT 428
I39399
LOCUS I39399 linear PAT 13-MAY-1997
DEFINITION Sequence 437 from patent US 5616488.
ACCESSION I39399
VERSION I39399.1 GI:2083879
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.

QY 943 ATTGGTTTAAATGT 955
Db 3 TCCCTGCCCTCA 15

RESULT 429
I39395
LOCUS I39395 linear PAT 20-APR-2002
DEFINITION Sequence 3 from patent US 6333152.
ACCESSION I39395
VERSION I39395.1 GI:20221968
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
TITLE Gene expression profiles in normal and cancer cells
JOURNAL Patent: US 6333152-A 3 25-DEC-2001;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 TCCCTCCTCTTCA 943
Db 3 TCCCTGCCCTCA 15

RESULT 430
I393005
LOCUS I393005 linear PAT 20-APR-2002
DEFINITION Sequence 8493 from patent US 6346398.
ACCESSION I393005
VERSION I393005.1 GI:20238970
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 8493 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 916 GGTCCTTCCTTT 928
Db 3 GGCTATGCCATT 15

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RESULT 431
AR201976
LOCUS AR201976 15 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 4 from patent US 6361945.
ACCESSION AR201976
VERSION AR201976.1 GI:20256515
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Becker, M.M. and Schroth, G.P.
TITLE Molecular torches
JOURNAL Patent: US 6361945-A 4 26-MAR-2002;
FEATURES
source
1. .15
/mol_type="unassigned RNA"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 908 TTTTCCTTGCTCT 920
Db 2 TTTTCCTTGCTCT 14

RESULT 432
AR326745
LOCUS AR326745 15 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 4147 from patent US 6566127.
ACCESSION AR326745
VERSION AR326745.1 GI:33712553
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 4147 20-MAY-2003;
FEATURES
source
1. .15
/mol_type="unassigned RNA"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 916 GGCTCTTGCTTT 928
Db 3 GGCTCTTGCTTT 15

RESULT 433
AR371311/c
LOCUS AR371311/c 15 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 5 from patent US 6395475.
ACCESSION AR371311
VERSION AR371311.1 GI:34608243
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Leggett, C.G., Whitehouse, E. and Reeves, R.H.
TITLE Semiautomated method for finger-printing bacterial DNA
JOURNAL Patent: US 6395475-A 5 28-MAY-2002;
FEATURES
source
1. .15
/mol_type="unassigned RNA"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 904 GTCATTTTCCTTTG 916
Db 13 GTCATTTTCCTTTG 1

RESULT 434
AX274676
LOCUS AX274676 15 bp RNA linear PAT 29-OCT-2001
DEFINITION Sequence 2245 from Patent WO0162911.
ACCESSION AX274676
VERSION AX274676.1 GI:16547415
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis, T., von Carlowitz, I., McSwiggen, J.A., Hamblin, P.A. and Ellis, J.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 2245 30-AUG-2001;
FEATURES
source
1. .15
/mol_type="unassigned RNA"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 930 ATCCCTCTCTCTTC 942
Db 1 ATCCCTCTCTCTTC 13

RESULT 435
AX633010/c
LOCUS AX633010/c 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 149 from Patent EP1260586.
ACCESSION AX633010
VERSION AX633010.1 GI:28468624
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Stinchcomb, D.T., Dudycz, L.W., Chowira, B., Grimm, S., Dorenzo, A., Karpeisky, A., Draper, K.G., Kisch, K., Matulic-Adamic, J., McSwiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Wolf, T.
TITLE Method and reagent for inhibiting the expression of disease related genes
JOURNAL Patent: EP 1260586-A 149 27-NOV-2002;
FEATURES
source
1. .15
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 901 CTGGTCATTTTCT 913
Db 13 CTGGGATTTTCT 1

RESULT 436
AX633148/c
LOCUS AX633148 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 287 from Patent EP1260586.
ACCESSION AX633148
VERSION AX633148.1 GI:28468762
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggan,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 287 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1..15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 959 GCTACCAAGGTG 971
Db 15 GCTACCAAGGTG 3

RESULT 437
AX633150/c
LOCUS AX633150 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 289 from Patent EP1260586.
ACCESSION AX633150
VERSION AX633150.1 GI:28468764
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggan,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 289 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGTA 956
Db 1 TTGGTGTAAATGAA 13

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Db 14 GCTAACAAAGGTG 2

RESULT 438
AX635281/c
LOCUS AX635281 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2420 from Patent EP1260586.
ACCESSION AX635281
VERSION AX635281.1 GI:28470895
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggan,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2420 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAGT 955
Db 15 ATTGGTTTACTCT 3

RESULT 439
AX635299
LOCUS AX635299 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2438 from Patent EP1260586.
ACCESSION AX635299
VERSION AX635299.1 GI:28470913
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggan,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2438 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGTA 956
Db 1 TTGGTGTAAATGAA 13

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RESULT 440
AX635395 LOCUS AX635395 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2534 from Patent EPI260586.
ACCESSION AX635395
VERSION AX635395.1 GI:28471009
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 2534 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 943 ATTGTTTAAATGT 955
Db 2 ATTTATTAAATGT 14

RESULT 441
AX635397 LOCUS AX635397 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2536 from Patent EPI260586.
ACCESSION AX635397
VERSION AX635397.1 GI:28471011
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 2536 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 943 ATTGTTTAAATGT 955
Db 1 ATTTATTAAATGT 13

RESULT 442
AX635679 LOCUS AX635679 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3864 from Patent EPI260586.
ACCESSION AX635679
VERSION AX635679.1 GI:28472339
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 2818 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 931 TCCCTCCTCTCTCA 943
Db 3 TCCCTCCTCTCTCA 15

RESULT 443
AX635681 LOCUS AX635681 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2820 from Patent EPI260586.
ACCESSION AX635681
VERSION AX635681.1 GI:28471295
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 2820 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 931 TCCCTCCTCTCTCA 943
Db 3 TCCCTCCTCTCTCA 15

RESULT 444
AX636725 LOCUS AX636725 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3864 from Patent EPI260586.
ACCESSION AX636725
VERSION AX636725.1 GI:28472339
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 2820 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1..15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 931 TCCCTCCTCTCTCA 943
Db 3 TCCCTCCTCTCTCA 15

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KEYWORDS
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 unclassified.
AUTHORS     Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
            Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
            Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
            Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
            Woolf,T.
TITLE       Method and reagent for inhibiting the expression of disease related
JOURNAL     Patent: EP 1260586-A 3864 27-NOV-2002;
RIBOZYME   PHARMACEUTICALS, INC. (US)
FEATURES
source      1..15
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Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGG 947
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Db 2 TCCTCTTCAGGG 14

RESULT 445
AX636727
LOCUS      AX636727
DEFINITION Sequence 3866 from Patent EP1260586.
ACCESSION AX636727
VERSION    AX636727.1 GI:28472341
KEYWORDS   unidentified
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1
AUTHORS     Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
            Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
            Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
            Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
            Woolf,T.
TITLE       Method and reagent for inhibiting the expression of disease related
JOURNAL     Patent: EP 1260586-A 3866 27-NOV-2002;
RIBOZYME   PHARMACEUTICALS, INC. (US)
FEATURES
source      1..15
            /organism="unidentified"
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            /db_xref="taxon:32644"
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGG 947
    |||||
Db 1 TCCTCTTCAGGG 13

RESULT 446
BD066117/c
LOCUS      BD066117
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD066117
VERSION    BD066117.1 GI:22611720
KEYWORDS   unidentified
SOURCE     unidentified
ORGANISM   unclassified.

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unclassified.
1 (bases 1 to 15)
AUTHORS     Schlingensiepen,K.H. and Brysch,W.
TITLE       An antisense oligonucleotide preparation method
JOURNAL     Patent: JP 2001511000-A 752 07-AUG-2001;
            BIOONOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT     OS Unknown
            PN JP 2001511000-A/752
            PD 07-AUG-2001
            PF 30-JAN-1998 JP 1998532533
            PR 31-JAN-1997 EP 97101531.8
            PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
            PC C12N15/11,C07H21/04,A61K31/70
            CC An antisense oligonucleotide preparation method FH Key
            Location/Qualifiers
            FT source 1..15
            /organism='Unknown'.
            Location/Qualifiers
            FT source 1..15
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            /mol_type="genomic DNA"
            /db_xref="taxon:32644"
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTCTTTGGCTTT 921
    |||||
Db 15 TTTATTGATCTT 3

RESULT 447
BD103920/c
LOCUS      BD103920
DEFINITION Kit and method for determining HLA type.
ACCESSION BD103920
VERSION    BD103920.1 GI:22649494
KEYWORDS   WO 0132572-A/24.
SOURCE     synthetic construct
            ORGANISM synthetic construct
            artificial sequences.
REFERENCE  1 (bases 1 to 15)
AUTHORS     Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
            Nishida,M.
TITLE       Kit and method for determining HLA type
JOURNAL     Patent: WO 0192572-A 24 06-DEC-2001;
            NISHINBO INDUSTRIES INC.SYSTEM RESEARCH INC.HIDETOSHI INOKO, TAEKO
            KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA,SHOGO MORIYA,MICHIO
            NISHIDA
COMMENT     OS Artificial Sequence
            PN WO 0192572-A/24
            PD 06-DEC-2001
            PF 01-JUN-2001 WO 2001JP004662
            PR 01-JUN-2000 JP OOP 164798
            PI HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI PI
            MATSUMURA,
            PC C12Q1/68,C12M1/00,C12N15/09,G01N33/53
            CC Description of Artificial Sequence:capture
            FH Key Location/Qualifiers
            FT source 1..15
            /organism='Artificial Sequence'.
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            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 931 TCCTCTCTCTTCA 943
Db 14 TCCTCTCTCTTCA 2

RESULT 448
BD217212
LOCUS BD217212 15 bp DNA linear PAT 17-JUL-2003
DEFINITION Molecular torches.
ACCESSION BD217212
VERSION BD217212.1 GI:33026982
KEYWORDS JP 2002519073-A/4.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 15)
AUTHORS Becker, M.M. and Schroth, G.P.
TITLE Molecular torches
JOURNAL Patent: JP 2002519073-A 4 02-JUL-2002;
COMMENT GEN PROBE INC
OS Artificial Sequence
PN JP 2002519073-A/4
PD 02-JUL-2002
PF 01-JUL-1999 JP 2000558240
PR 02-JUL-1998 US 60/091616
PI MICHAEL M BECKER, GARY P SCHROTH
PC C12Q1/68, C12N15/09, C12N15/00
CC Description of Artificial Sequence: Nucleotide base CC
recognition sequence
CC substantially complementary to SEQ ID Nos. 1 and 3 FH Key
Location/Qualifiers
FT source 1..15
FT /organism='Artificial Sequence'.

FEATURES
source
1..15 Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCT 920
Db 2 TTTTCTTTGGTCT 14

RESULT 449
AR002185
LOCUS AR002185 11 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 39 from patent US 5741490.
ACCESSION AR002185
VERSION AR002185.1 GI:3963739
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Reyes, G.R., Bradley, D.W., Twu, J.-S., Purdy, M.A., Tam, A.W.,
Krawczynski, K.Z. and Varbough, P.D.
TITLE Hepatitis B virus vaccine and method
JOURNAL Patent: US 5741490-A 39 21-APR-1998;
FEATURES Location/Qualifiers
source 1..11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCC 925
Db 14 TGGTCTTTGCC 2

RESULT 450
AR030118
LOCUS AR030118 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 307 from patent US 5861244.
ACCESSION AR030118
VERSION AR030118.1 GI:5943332
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 307 19-JAN-1999;
FEATURES Location/Qualifiers
source 1..11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 918 TCCTTTGGCTTT 928
Db 1 TCCTTTGGCTTT 11

RESULT 451
AR171021/c
LOCUS AR171021 11 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 2 from patent US 6297013.
ACCESSION AR171021
VERSION AR171021.1 GI:17909971
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Morgan, A.R. and Severini, A.
TITLE Compositions and methods for determining the activity of
DNA-binding proteins and of initiation of transcription
JOURNAL Patent: US 6297013-A 2 02-OCT-2001;
FEATURES Location/Qualifiers
source 1..11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCCTTTATCCC 934
Db 11 CCCTTTATACC 1

RESULT 452
AR171022/c
LOCUS AR171022 11 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 3 from patent US 6297013.
ACCESSION AR171022
VERSION AR171022.1 GI:17909972
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Morgan, A.R. and Severini, A.

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TITLE      Compositions and methods for determining the activity of
JOURNAL    DNA-binding proteins and of initiation of transcription
PATENT     Patent: US 6297013-A 3 02-OCT-2001;
FEATURES   Location/Qualifiers
            1. .11
            /organism="unknown"
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Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 11 CCTTTATACC 1

RESULT 453
AR301478
LOCUS      AR301478
DEFINITION Sequence 59 from patent US 6538173.
ACCESSION  AR301478
VERSION     AR301478.1 GI:31689280
KEYWORDS   Unknown.
SOURCE     Unclassified.
ORGANISM   Heber-Katz,E.
REFERENCE  1 (bases 1 to 11)
AUTHORS   Heber-Katz,E.
TITLE     Compositions and methods for wound healing
JOURNAL   Patent: US 6538173-A 59 25-MAR-2003;
FEATURES  Location/Qualifiers
            1. .11
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 1 CCTTTATCCC 11

RESULT 454
AR301698
LOCUS      AR301698
DEFINITION Sequence 279 from patent US 6538173.
ACCESSION  AR301698
VERSION     AR301698.1 GI:31689500
KEYWORDS   Unknown.
SOURCE     Unclassified.
ORGANISM   Heber-Katz,E.
REFERENCE  1 (bases 1 to 11)
AUTHORS   Heber-Katz,E.
TITLE     Compositions and methods for wound healing
JOURNAL   Patent: US 6538173-A 279 25-MAR-2003;
FEATURES  Location/Qualifiers
            1. .11
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 1 CCTTTATACC 1

RESULT 457
AR3085766
LOCUS      AR3085766
DEFINITION Sequence 28 from Patent WO0112858.
ACCESSION  AR3085766
VERSION     AR3085766.1 GI:13275716
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
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RESULT 455
AX063618/c
LOCUS      AX063618
DEFINITION Sequence 2 from Patent WO0100817.
ACCESSION  AX063618
VERSION     AX063618.1 GI:12541342
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   synthetic construct
REFERENCE  1
AUTHORS   Morgan,A.R. and Severini,A.
TITLE     Compositions and methods for determining the activity of
JOURNAL   dna-binding proteins and of initiation of transcription
          Patent: WO 0100817-A 2 04-JAN-2001;
          DNAB Diagnostics, Inc. (CA)
FEATURES  Location/Qualifiers
            1. .11
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
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Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 11 CCTTTATACC 1

RESULT 456
AX063619/c
LOCUS      AX063619
DEFINITION Sequence 3 from Patent WO0100817.
ACCESSION  AX063619
VERSION     AX063619.1 GI:12541343
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   synthetic construct
REFERENCE  1
AUTHORS   Morgan,A.R. and Severini,A.
TITLE     Compositions and methods for determining the activity of
JOURNAL   dna-binding proteins and of initiation of transcription
          Patent: WO 0100817-A 3 04-JAN-2001;
          DNAB Diagnostics, Inc. (CA)
FEATURES  Location/Qualifiers
            1. .11
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Synthetic"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 11 CCTTTATACC 1

RESULT 457
AX085766
LOCUS      AX085766
DEFINITION Sequence 28 from Patent WO0112858.
ACCESSION  AX085766
VERSION     AX085766.1 GI:13275716
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
```

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1
AUTHORS He, T.C., Kinzler, K.W. and Vogelstein, B.
TITLE ppar_g(d) links apc to chemopreventive drugs
JOURNAL Patent: WO 0112858-A 28 22-FEB-2001;
The Johns Hopkins University (US)
FEATURES Location/Qualifiers

source

1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;

Best Local Similarity 90.9%; Pred. No. 2.9e+02;

Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CCTGGTCATT 910

Db 1 CCTGGTCATT 11

RESULT 458

AX394510 11 bp DNA linear PAT 18-MAY-2002

LOCUS Sequence 55 from Patent WO0218638.

DEFINITION AX394510

ACCESSION AX394510.1 GI:21065648

VERSION AX394510.1

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE

1
AUTHORS Risinger, C., Andersson, M.K., Lewander, T. and Olliasson, E.
TITLE Detection of cyp2d6 polymorphisms
JOURNAL Patent: WO 0218638-A 55 07-MAR-2002;
Gemini Genomics PLC (GB)

FEATURES

source

1..11
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Synthetic oligonucleotide"

Query Match

Best Local Similarity 12.9%; Score 9.4; DB 1; Length 11;

Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTTCT 913

Db 1 GGTCAATTTCT 11

RESULT 459

AX394517/c 11 bp DNA linear PAT 18-MAY-2002

LOCUS Sequence 62 from Patent WO0218638.

DEFINITION AX394517

ACCESSION AX394517.1 GI:21065655

VERSION AX394517.1

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE

1
AUTHORS Risinger, C., Andersson, M.K., Lewander, T. and Olliasson, E.
TITLE Detection of cyp2d6 polymorphisms
JOURNAL Patent: WO 0218638-A 62 07-MAR-2002;
Gemini Genomics PLC (GB)

FEATURES

source

1..11
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

/note="Synthetic oligonucleotide"

Query Match 12.9%; Score 9.4; DB 1; Length 11;

Best Local Similarity 90.9%; Pred. No. 2.9e+02;

Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTTCT 913

Db 11 GGTCAATTTCT 1

RESULT 460

AX470497 11 bp DNA linear PAT 09-AUG-2002

LOCUS Sequence 74 from Patent WO02053773.

DEFINITION AX470497

ACCESSION AX470497.1 GI:22205622

VERSION AX470497.1

KEYWORDS Homo sapiens (human)

SOURCE Homo sapiens

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Hofmann, K., Conrad, M. and Petersohn, D.

TITLE Method for determining skin stress or skin ageing in vitro

JOURNAL Patent: WO 02053773-A 74 11-JUL-2002;

HENKEL KGAA (DE)

FEATURES Location/Qualifiers

source

1..11

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;

Best Local Similarity 90.9%; Pred. No. 2.9e+02;

Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTTATCCC 934

Db 1 CCTGTATCCC 11

RESULT 461

AX471065 11 bp DNA linear PAT 09-AUG-2002

LOCUS Sequence 642 from Patent WO02053773.

DEFINITION AX471065

ACCESSION AX471065.1 GI:22206190

VERSION AX471065.1

KEYWORDS Homo sapiens (human)

SOURCE Homo sapiens

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Hofmann, K., Conrad, M. and Petersohn, D.

TITLE Method for determining skin stress or skin ageing in vitro

JOURNAL Patent: WO 02053773-A 642 11-JUL-2002;

HENKEL KGAA (DE)

FEATURES Location/Qualifiers

source

1..11

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;

Best Local Similarity 90.9%; Pred. No. 2.9e+02;

Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 TTTGGTCTTTG 923

Db 1 TTTGGTCTTTG 11

RESULT 462
AX471213/c
LOCUS AX471213 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 790 from Patent WO02053773.
ACCESSION AX471213
VERSION AX471213.1 GI:22206338
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 790 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source
1..11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 920 TTGCGCTTTTA 930
Db 11 TTGTGCTTTTA 1
RESULT 463
AX471469/c
LOCUS AX471469 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 1046 from Patent WO02053773.
ACCESSION AX471469
VERSION AX471469.1 GI:22206594
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 1046 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source
1..11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 906 CATTTCCTTG 916
Db 11 CATTTCCTTG 1
RESULT 464
AX471505
LOCUS AX471505 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 1082 from Patent WO02053773.
ACCESSION AX471505
VERSION AX471505.1 GI:22206630
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 1082 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source
1..11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 911 TCTTTGGTCTT 921
Db 1 TCTTTGGTCTT 11
RESULT 465
AX472101
LOCUS AX472101 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 92 from Patent WO02053775.
ACCESSION AX472101
VERSION AX472101.1 GI:22207142
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Hustert,E., Haberl,M. and Wojnowski,L.
TITLE Identification of the genetic determinants of the polymorphic
JOURNAL CYP3A5 expression
Patent: WO 02053775-A 92 11-JUL-2002;
EPIDAUROS BIOTECHNOLOGIE AG (DE)
FEATURES
source
1..11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 911 TCTTTGGTCTT 921
Db 1 TCTTTGATCTT 11
RESULT 466
AX623518
LOCUS AX623518 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 559 from Patent WO02053774.
ACCESSION AX623518
VERSION AX623518.1 GI:28451459
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 559 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1..11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTTT 915
 |||||
 1 TCATTTCCTTT 11

RESULT 467

AX623679
 LOCUS AX623679 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 720 from Patent WO02053774.
 ACCESSION AX623679
 VERSION AX623679.1 GI:28451620

KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 Petersohn, D., Conradt, M. and Hofmann, K.
 Method for determining homeostasis of the skin
 TITLE Patent: WO 02053774-A 720 11-JUL-2002;
 JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
 Location/Qualifiers
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 1..11
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 901 CTGGTCATTTT 911
 |||||
 1 CTGGGCATTTT 11

RESULT 468

AX623764
 LOCUS AX623764 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 805 from Patent WO02053774.
 ACCESSION AX623764
 VERSION AX623764.1 GI:28451705

KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 Petersohn, D., Conradt, M. and Hofmann, K.
 Method for determining homeostasis of the skin
 TITLE Patent: WO 02053774-A 805 11-JUL-2002;
 JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
 Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCATTGCTCTT 921
 |||||
 1 TCATTGCTCTT 11

RESULT 469

AX624279/c

LOCUS AX624279 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 1320 from Patent WO02053774.
 ACCESSION AX624279
 VERSION AX624279.1 GI:28452220

KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 Petersohn, D., Conradt, M. and Hofmann, K.
 Method for determining homeostasis of the skin
 TITLE Patent: WO 02053774-A 1320 11-JUL-2002;
 JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
 Location/Qualifiers
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 1..11
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 936 CCTCTTCATTG 946
 |||||
 11 CCTCTGCATTG 1

RESULT 470

AX624979
 LOCUS AX624979 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 2020 from Patent WO02053774.
 ACCESSION AX624979
 VERSION AX624979.1 GI:28452920

KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 Petersohn, D., Conradt, M. and Hofmann, K.
 Method for determining homeostasis of the skin
 TITLE Patent: WO 02053774-A 2020 11-JUL-2002;
 JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
 Location/Qualifiers
 source
 1..11
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTTATCCC 934
 |||||
 1 CCTGTATATCCC 11

RESULT 471

AX625051/c
 LOCUS AX625051 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 2032 from Patent WO02053774.
 ACCESSION AX625051
 VERSION AX625051.1 GI:28452992

KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1


```

AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 2092 11-JUL-2002;
              Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCTTTTGGT 918
      ||| |||||
Db 11 TTTCTTTTGGT 1

RESULT 472
AX625765/c
LOCUS      AX625765
DEFINITION Sequence 2806 from Patent WO02053774.
ACCESSION  AX625765
VERSION     AX625765.1 GI:28453706
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 2806 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 910 TTCTTTGGTCT 920
      ||| |||||
Db 11 TTCTTTGGTCT 1

RESULT 473
AX626326/c
LOCUS      AX626326
DEFINITION Sequence 3367 from Patent WO02053774.
ACCESSION  AX626326
VERSION     AX626326.1 GI:28454364
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 3367 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 910 TTTCTTTTGGT 920
      ||| |||||
Db 11 TTTCTTTTGGT 1

RESULT 474
AX626810
LOCUS      AX626810
DEFINITION Sequence 3851 from Patent WO02053774.
ACCESSION  AX626810
VERSION     AX626810.1 GI:28454848
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 3851 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 TTTGCCCTTTTA 930
      ||| |||||
Db 1 TTTGCCCTTTTA 11

RESULT 475
AX627361/c
LOCUS      AX627361
DEFINITION Sequence 4402 from Patent WO02053774.
ACCESSION  AX627361
VERSION     AX627361.1 GI:28455399
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 4402 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCCTTTTAT 931
      ||| |||||
Db 11 TTGCCTTTTAT 1

RESULT 476
AX627577
LOCUS      AX627577

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DEFINITION Sequence 4618 from Patent WO02053774.
ACCESSION AX627577
VERSION AX627577.1 GI:28455615
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4618 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 913 TTGTGCTTTG 923
|||||
Db 1 TTGTGCTTTG 11
RESULT 477
AX627963/c
LOCUS AX627963 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5004 from Patent WO02053774.
ACCESSION AX627963
VERSION AX627963.1 GI:28456001
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5004 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 906 CATTTCCTTTG 916
|||||
Db 11 CATTTCCTTTG 11
RESULT 478
AX628243
LOCUS AX628243 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5284 from Patent WO02053774.
ACCESSION AX628243
VERSION AX628243.1 GI:28456281
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5284 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 906 CATTTCCTTTG 916
|||||
Db 11 CATTTCCTTTG 11
RESULT 478
AX628243
LOCUS AX628243 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5284 from Patent WO02053774.
ACCESSION AX628243
VERSION AX628243.1 GI:28456281
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5284 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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Qy 906 CATTTCCTTTG 916
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Db 11 CATTTCCTTTG 11

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JOURNAL Patent: WO 02053774-A 5284 11-JUL-2002;
FEATURES Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.9%; Pred. No. 2.9e+02;
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Qy 932 CCTCTCTCTTC 942
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Db 1 CCTCTCTCTTC 11
RESULT 479
AX628516
LOCUS AX628516 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5557 from Patent WO02053774.
ACCESSION AX628516
VERSION AX628516.1 GI:28456554
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5557 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 919 CTTTGCCCTTTT 929
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Db 1 CTTTGCCCTTTT 11
RESULT 480
AX628786/c
LOCUS AX628786 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5827 from Patent WO02053774.
ACCESSION AX628786
VERSION AX628786.1 GI:28456824
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5827 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 919 CTTTGCCCTTTT 929
|||||
Db 1 CTTTGCCCTTTT 11
RESULT 480
AX628786/c
LOCUS AX628786 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5827 from Patent WO02053774.
ACCESSION AX628786
VERSION AX628786.1 GI:28456824
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5827 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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/db_xref="taxon:9606"
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Qy 919 CTTTGCCCTTTT 929
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Db 1 CTTTGCCCTTTT 11

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QY 920 TTGTCCTTTA 930
Db 11 TTGTCCTTTA 1

RESULT 481
AX629613
LOCUS AX629613 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6654 from Patent WO02053774.
ACCESSION AX629613
VERSION AX629613.1 GI:28457651
KEYWORDS Homo sapiens (human)
SOURCE /organism="Homo sapiens"
ORGANISM /mol_type="unassigned DNA"
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 6654 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
1..11
source

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTTCTTT 915
Db 1 TCATTTTCTTT 11

RESULT 482
AX629671/c
LOCUS AX629671 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6712 from Patent WO02053774.
ACCESSION AX629671
VERSION AX629671.1 GI:28457709
KEYWORDS Homo sapiens (human)
SOURCE /organism="Homo sapiens"
ORGANISM /mol_type="unassigned DNA"
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 6712 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
1..11
source

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTTCTTT 915
Db 1 TCATTTTCTTT 11

RESULT 483
AX630269/c
LOCUS AX630269 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 7310 from Patent WO02053774.
ACCESSION AX630269
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AX630269.1 GI:28458307
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 7310 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
1..11
source

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCTTGGCCTT 927
Db 11 GTCTTGGCCTT 1

RESULT 484
AX630939
LOCUS AX630939 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 7980 from Patent WO02053774.
ACCESSION AX630939
VERSION AX630939.1 GI:28458981
KEYWORDS Homo sapiens (human)
SOURCE /organism="Homo sapiens"
ORGANISM /mol_type="unassigned DNA"
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 7980 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
1..11
source

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTTCTTT 915
Db 1 TCATTTTCTTT 11

RESULT 485
AX631100
LOCUS AX631100 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 8141 from Patent WO02053774.
ACCESSION AX631100
VERSION AX631100.1 GI:28459144
KEYWORDS Homo sapiens (human)
SOURCE /organism="Homo sapiens"
ORGANISM /mol_type="unassigned DNA"
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 8141 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
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Qy 901 CTGGTCATTTT 911
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Db 1 CTGGGCATTTT 11

RESULT 486
AX631185
LOCUS AX631185 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 8227 from Patent WO02053774.
ACCESSION AX631185
VERSION AX631185.1 GI:28459229
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
  TITLE Method for determining homeostasis of the skin
  JOURNAL Patent: WO 02053774-A 8227 11-JUL-2002;
  FEATURES
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Query Match
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Qy 911 TCTTTGCTCTT 921
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Db 1 TCTTTGCTCTT 11

RESULT 487
AX631700/c
LOCUS AX631700 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 8742 from Patent WO02053774.
ACCESSION AX631700
VERSION AX631700.1 GI:28459807
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
  TITLE Method for determining homeostasis of the skin
  JOURNAL Patent: WO 02053774-A 8742 11-JUL-2002;
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Db 1 TCTTTGCTCTT 11

RESULT 489
AX632472/c
LOCUS AX632472 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9514 from Patent WO02053774.
ACCESSION AX632472
VERSION AX632472.1 GI:28468087
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
  TITLE Method for determining homeostasis of the skin
  JOURNAL Patent: WO 02053774-A 9514 11-JUL-2002;
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          /db_xref="taxon:9606"

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Qy 924 CCTTTTATCCC 934
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Db 1 CCTGTTATCCC 11

RESULT 490
AX632428
LOCUS BD124228 11 bp DNA linear PAT 18-SEP-2002
DEFINITION Compositions and method for healing wound.
ACCESSION BD124228
VERSION BD124228.1 GI:23219173
KEYWORDS JP 2002503460-A/59.

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SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 11)
 REFERENCE KATZ,E.H.
 AUTHORS Compositions and method for healing wound
 TITLE THE WISTAR INSTITUTE
 JOURNAL
 COMMENT OS Mus musculus (mouse)
 PN JP 2002503460-A/59
 PD 05-FEB-2002
 PF 12-FEB-1999 JP 2000531545
 PR 13-FEB-1998 US 60/074737,26-AUG-1998 US 60/097937 PR
 28-SEP-1998 US 60/102051
 PI ELLEN HEBER KATZ
 PC C12N15/09,A01K67/027,C12N5/10,C12Q1/68,G01N33/50,C12N15/00, PC C12N5/00
 CC Compositions and method for healing wound
 FH Key Location/Qualifiers
 FT source 1..11 /organism='Mus musculus (mouse)'.
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 /db_xref='taxon:10090'
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 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 924 CCTTTATCCC 934
 Db 1 CCTTTATCCC 11
 RESULT 491
 BD124448
 LOCUS 11 bp DNA linear PAT 18-SEP-2002
 DEFINITION Compositions and method for healing wound.
 ACCESSION BD124448
 VERSION BD124448.1 GI:23219393
 KEYWORDS JP 2002503460-A/279.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 11)
 REFERENCE KATZ,E.H.
 AUTHORS Compositions and method for healing wound
 TITLE THE WISTAR INSTITUTE
 JOURNAL
 COMMENT OS Mus musculus (mouse)
 PN JP 2002503460-A/279
 PD 05-FEB-2002
 PF 12-FEB-1999 JP 2000531545
 PR 13-FEB-1998 US 60/074737,26-AUG-1998 US 60/097937 PR
 28-SEP-1998 US 60/102051
 PI ELLEN HEBER KATZ
 PC C12N15/09,A01K67/027,C12N5/10,C12Q1/68,G01N33/50,C12N15/00, PC C12N5/00
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 QY 924 CCTTTATCCC 934
 Db 1 CCTTTATCCC 11
 RESULT 491
 BD124448
 LOCUS 11 bp DNA linear PAT 18-SEP-2002
 DEFINITION Compositions and method for healing wound.
 ACCESSION BD124448
 VERSION BD124448.1 GI:23219393
 KEYWORDS JP 2002503460-A/279.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 11)
 REFERENCE KATZ,E.H.
 AUTHORS Compositions and method for healing wound
 TITLE THE WISTAR INSTITUTE
 JOURNAL
 COMMENT OS Mus musculus (mouse)
 PN JP 2002503460-A/279
 PD 05-FEB-2002
 PF 12-FEB-1999 JP 2000531545
 PR 13-FEB-1998 US 60/074737,26-AUG-1998 US 60/097937 PR
 28-SEP-1998 US 60/102051
 PI ELLEN HEBER KATZ
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Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 924 CCTTTATCCC 934
 Db 1 CCTTTATCCC 11
 RESULT 492
 A15123
 LOCUS 12 bp DNA linear PAT 19-APR-1994
 DEFINITION Nucleotide sequence 4 from patent number FR2595374.
 ACCESSION A15123
 VERSION A15123.1 GI:512111
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.
 REFERENCE 1 (bases 1 to 12)
 AUTHORS
 JOURNAL
 FEATURES
 source
 Patent: FR 2595374-A 4 11-SEP-1987;
 Location/Qualifiers
 1..12 /organism='unidentified'
 /mol_type='unassigned DNA'
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 QY 930 ATCCCTCCTCT 940
 Db 2 ATCCCGCCTCT 12
 RESULT 493
 A3029820/C
 LOCUS 12 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 9 from patent US 5861244.
 ACCESSION A3029820
 VERSION A3029820.1 GI:5943034
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 12)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL
 FEATURES
 source
 Patent: US 5861244-A 9 19-JAN-1999;
 Location/Qualifiers
 1..12 /organism='unknown'
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 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 931 TCCCTCCTCTT 941
 Db 12 TTCCCTCCTCTT 2
 RESULT 494
 A3030027
 LOCUS 12 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 216 from patent US 5861244.
 ACCESSION A3030027
 VERSION A3030027.1 GI:5943241
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

Unclassified.
 REFERENCE 1 (bases 1 to 12)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 216 19-JAN-1999;
 FEATURES Location/Qualifiers
 source 1..12
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 12;
 Best Local Similarity 90.9%; Pred. No. 3.1e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTT 915
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 Db 2 TCCTTTCTTT 12

RESULT 495

LOCUS A91504 13 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 31 from Patent WO9824528.
 ACCESSION A91504
 VERSION A91504.1 GI:6740459
 KEYWORDS unclassified
 SOURCE unclassified
 ORGANISM unclassified

REFERENCE 1 (bases 1 to 13)
 AUTHORS Pallsgaard,N. and Hokland,P.
 TITLE DETECTION OF CHROMOSOMAL ABNORMALITIES
 JOURNAL Patent: WO 9824928-A 31 11-JUN-1998;
 PALLSGAARD NIELS (DK); HOKLAND PETER (DK)

FEATURES Location/Qualifiers
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 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 12.9%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 3.2e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 TTGGTCTTTG 923
 |||||
 Db 1 TTGGTCTCTG 11

RESULT 496

LOCUS E32294 13 bp DNA linear PAT 18-JUN-2001
 DEFINITION Species-specific detection method for trichosporon and novel polynucleotide.
 ACCESSION E32294
 VERSION E32294.1 GI:13022088
 KEYWORDS JP 2000060564-A/62
 SOURCE Trichosporon aquatile
 ORGANISM Trichosporon aquatile
 Eukaryota; Fungi; Basidiomycetes; Hymenomycetes;
 Heterobasidiomycetes; Tremellomycetidae; Trichosporonales;
 Trichosporon.

REFERENCE 1 (bases 1 to 13)
 AUTHORS Takashi,S., Akemi,N. and Takato,S.
 TITLE Species-specific detection method for trichosporon and novel polynucleotide
 JOURNAL Patent: JP 2000060564-A 62 29-FEB-2000;
 IATRON LAB INC
 COMMENT OS Trichosporon aquatile
 PN JP 2000060564-A/62
 PD 29-FEB-2000
 PF 24-AUG-1998 JP 1998237060
 PR

PI TAKASHI SUGITA, AKEMI NISHIKAWA, TAKAKO SHINODA PC
 C12N15/09,C12Q1/04,C12Q1/68//C12N15/09,C12R1:645),C12N15/00, PC
 (C12N15/00,C12R1:645)
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 /mol_type="genomic DNA"
 /db_xref="taxon:82512"

Query Match 12.9%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 3.2e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 942 CATTGGTTAA 952
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 Db 1 CATTGGCTTA 11

RESULT 497

LOCUS AR407995 13 bp RNA linear PAT 18-DEC-2003
 DEFINITION Sequence 88 from patent US 6632057.
 ACCESSION AR407995
 VERSION AR407995.1 GI:40157982
 KEYWORDS Unknown.
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 13)
 AUTHORS Fauchet,C.R.J.
 TITLE Fixing unit with an end imprint in a threaded terminal portion
 JOURNAL Patent: US 6632057-A 88 14-OCT-2003;
 FEATURES Location/Qualifiers
 source 1..13
 /organism="unknown"
 /mol_type="unassigned RNA"

Query Match 12.9%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 3.2e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGCTCTTTC 924
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 Db 2 TTGCTCTTTC 12

RESULT 498

LOCUS BD023286 13 bp DNA linear PAT 27-AUG-2002
 DEFINITION Method for detecting abnormality in chromosome.
 ACCESSION BD023286
 VERSION BD023286.1 GI:22564509
 KEYWORDS JP 2001505428-A/31.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 13)
 AUTHORS Parisgard,N. and Hukurando,P.
 TITLE Method for detecting abnormality in chromosome
 JOURNAL Patent: JP 2001505428-A 31 24-APR-2001;
 NEILLS PARISGARD
 COMMENT PN JP 2001505428-A/31
 PD 24-APR-2001
 PF 08-DEC-1997 JP 1998525090
 PI NEILLS PARISGARD, PATER HOKURANDO
 PC C12N15/09,C12Q1/68,G01N33/50,C12N15/00
 CC Strandedness: Single;
 Topology: Linear;
 CC

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CC /desc = 'DNA (synthetic)',
FH Key Location/Qualifiers.
FEATURES
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Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 3.2e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 TTTCCTTGTC 923
Db 1 TTTCCTTGTC 11

RESULT 499
A88510
LOCUS      14 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION Sequence 658 from Patent WO9833904.
ACCESSION A88510
VERSION    A88510.1 GI:6737080
KEYWORDS
SOURCE     unidentified
           unclassified.
REFERENCE  1 (bases 1 to 14)
AUTHORS   Brysch,W.D. and Schlingensiepen,K.
TITLE     AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL   Patent: WO 9833904-A 658 06-AUG-1998;
           BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES
    source
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            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTT 915
Db 2 TCAATTTCTTT 12

RESULT 500
A89574
LOCUS      14 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION Sequence 1722 from Patent WO9833904.
ACCESSION A89574
VERSION    A89574.1 GI:6738144
KEYWORDS
SOURCE     unidentified
           unclassified.
REFERENCE  1 (bases 1 to 14)
AUTHORS   Brysch,W. and Schlingensiepen,K.
TITLE     AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL   Patent: WO 9833904-A 1722 06-AUG-1998;
           BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES
    source
        1..14
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCCTTGTC 919

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Db 4 TTTCCTTGTC 14

RESULT 501
A90477
LOCUS      14 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION Sequence 658 from Patent EP0856579.
ACCESSION A90477
VERSION    A90477.1 GI:6738991
KEYWORDS
SOURCE     unidentified
           unclassified.
REFERENCE  1 (bases 1 to 14)
AUTHORS   Brysch,W.D. and Schlingensiepen,K.D.
TITLE     An antisense oligonucleotide preparation method
JOURNAL   Patent: EP 0856579-A 658 05-AUG-1998;
           BIOGOSTIK GES (DE)
FEATURES
    source
        1..14
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTT 915
Db 2 TCAATTTCTTT 12

RESULT 502
AR029909
LOCUS      14 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 98 from patent US 5861244.
ACCESSION AR029909
VERSION    AR029909.1 GI:5943123
KEYWORDS
SOURCE     Unknown.
           Unclassified.
REFERENCE  1 (bases 1 to 14)
AUTHORS   Wang,C.-G. and Hepburn,A.G.
TITLE     Genetic sequence assay using DNA triple strand formation
JOURNAL   Patent: US 5861244-A 98 19-JAN-1999;
           Location/Qualifiers
FEATURES
    source
        1..14
            /organism="unknown"
            /mol_type="unassigned DNA"
Query Match      12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 931 TCCCTCTCTTT 941
Db 2 TCCCTCTCTTT 12

RESULT 503
AR119021
LOCUS      14 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 147 from patent US 6150092.
ACCESSION AR119021
VERSION    AR119021.1 GI:14100931
KEYWORDS
SOURCE     Unknown.
           Unclassified.
REFERENCE  1 (bases 1 to 14)

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AUTHORS Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.
 TITLE Antisense nucleic acid compound targeted to VEGF
 JOURNAL Patent: US 6150092-A 147 21-NOV-2000;
 FEATURES Location/Qualifiers
 source 1..14
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTCGTCATT 909
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 Db 3 CCTCGTCATT 13

RESULT 504
 BD235096 14 bp DNA linear PAT 17-JUL-2003
 LOCUS
 DEFINITION A method for stimulating the immune system.
 ACCESSION BD235096
 VERSION BD235096.1 GI:33044866
 KEYWORDS JP 2002517434-A/200.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 14)
 AUTHORS Schlingensiepen,K.H., Schlingensiepen,R. and Brysch,W.
 TITLE A method for stimulating the immune system
 JOURNAL Patent: JP 2002517434-A 200 18-JUN-2002;
 COMMENT BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
 OS Homo sapiens (human)
 PN JP 2002517434-A/200
 PD 18-JUN-2002
 PF 10-JUN-1999 JP 2000553044
 PR 10-JUN-1998 EP 98110709 7,25-JUL-1998 EP 98113974.4 PI
 KARL HERMANN SCHLINGENSIEPEN,REIMAR SCHLINGENSIEPEN,WOLFGANG PI
 BRYSCH
 PC A61K45/06,A61K31/7088,A61K38/00,A61K39/395,A61K39/395,A61P31/
 PC 00,A61P35/00,
 PC A61P35/02,A61P37/02,C12N15/09,A61K37/02,C12N15/00 CC A
 method for stimulating the immune system
 FH Key Location/Qualifiers
 FT source 1..14
 FT /organism='Homo sapiens (human)'.

FEATURES source
 1..14
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCTCGTCATT 942
 |||||
 Db 3 CCTCGTCATT 13

RESULT 505
 AX009167 14 bp DNA linear PAT 06-SEP-2000
 LOCUS
 DEFINITION Sequence 200 from Patent WO9963975.
 ACCESSION AX009167
 VERSION AX009167.1 GI:9996541
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Brysch,W., Schlingensiepen,K.H. and Schlingensiepen,R.
 TITLE A method for stimulating the immune system
 JOURNAL Patent: WO 9963975-A 200 16-DEC-1999;
 BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL
 HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
 FEATURES Location/Qualifiers
 source 1..14
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCTCGTCATT 942
 |||||
 Db 3 CCTCGTCATT 13

RESULT 506
 BD066023 14 bp DNA linear PAT 27-AUG-2002
 LOCUS
 DEFINITION An antisense oligonucleotide preparation method.
 ACCESSION BD066023
 VERSION BD066023.1 GI:22611626
 KEYWORDS JP 2001511000-A/658.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 14)
 AUTHORS Schlingensiepen,K.H. and Brysch,W.
 TITLE An antisense oligonucleotide preparation method
 JOURNAL Patent: JP 2001511000-A 658 07-AUG-2001;
 COMMENT BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
 OS Unknown
 PN JP 2001511000-A/658
 PD 07-AUG-2001
 PF 30-JAN-1998 JP 1998532533
 PR 31-JAN-1997 EP 97101531.8
 PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
 PC C12N15/11,C07H21/04,A61K31/70
 CC An antisense oligonucleotide preparation method FH Key
 Location/Qualifiers
 FT source 1..14
 FT /organism='Unknown'.

FEATURES source
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 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTTT 915
 |||||
 Db 2 TCATTTCCTTT 12

RESULT 507
 BD067087 14 bp DNA linear PAT 27-AUG-2002
 LOCUS
 DEFINITION An antisense oligonucleotide preparation method.
 ACCESSION BD067087
 VERSION BD067087.1 GI:22612690
 KEYWORDS JP 2001511000-A/1722.
 SOURCE unidentified
 ORGANISM unclassified.
 REFERENCE 1 (bases 1 to 14)

AUTHORS Schlingensiefen,K.H. and Brysch,W.
 TITLE An antisense oligonucleotide preparation method
 JOURNAL Patent: JP 2001511000-A 1722 07-AUG-2001;
 BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
 COMMENT OS Unknown
 PN JP 2001511000-A/1722
 PD 07-AUG-2001
 PF 30-JAN-1998 JP 1998532533
 PR 31-JAN-1997 EP 97101531.8
 PI KARL HERMANN SCHLINGENSIEFEN,WOLFGANG BRYSCH
 PC C12N15/11,C07H21/04,A61K31/70
 CC An antisense oligonucleotide preparation method FH Key
 CC Location/Qualifiers

FT source 1..14 /organism='Unknown'.
 FT Location/Qualifiers

FEATURES source 1..14 /organism='unidentified'
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 /db_xref='taxon:32644'

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTC 919
 |||||
 Db 4 TTCTTTGGTC 14

RESULT 508
 BD071083/c
 LOCUS 14 bp DNA linear PAT 27-AUG-2002
 DEFINITION Modulation of mammalian telomerase by peptide nucleic acids.
 ACCESSION BD071083
 VERSION BD071083.1 GI:22616686
 KEYWORDS JP 2001517929-A/49.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 14)
 Shay,J.W., Wright,W.E., Piatyszek,M.A., Corey,D. and Norton,J.C.
 AUTHORS Modulation of mammalian telomerase by peptide nucleic acids
 TITLE Patent: JP 2001517929-A 49 09-OCT-2001;
 JOURNAL GERON CORP

COMMENT OS Unidentified
 PN JP 2001517929-A/49
 PD 09-OCT-2001
 PF 09-APR-1997 JP 1997536487
 PR 09-APR-1996 US 08/630019
 PI JERRY W SHAY,WOODRING E WRIGHT,MIECZYSLAW A PIATYSZEK,DAVID
 PI COREY,
 PI JAMES C NORTON
 PC C07K14/00,A61K38/16,C12Q1/68
 CC Strandedness: Single;
 CC Topology: Linear;
 CC /desc = 'peptide nucleic acid (PNA), where (deoxy(ribose- CC
 phosphate
 CC linkages are replaced by N-(2-aminoethyl)glycine units linked
 to
 CC nucleotide bases via glycine amino N through a CC
 methylenecarbonyl linker'

FH Key Location/Qualifiers
 FT source 1..14 /organism='unidentified'.
 FT Location/Qualifiers

FEATURES source 1..14 /organism='unidentified'
 /mol_type='genomic DNA'
 /db_xref='taxon:32644'

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;

Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 910 TTCTTTGGTCT 920
 |||||
 Db 12 TTTTGGTCT 2

RESULT 509
 BD135833
 LOCUS 14 bp DNA linear PAT 18-SEP-2002
 DEFINITION Selective regulation of adenovirus production.
 ACCESSION BD135833
 VERSION BD135833.1 GI:23230778
 KEYWORDS JP 2002506355-A/4.
 SOURCE unidentified adenovirus
 ORGANISM unclassified adenovirus

REFERENCE 1 (bases 1 to 14)
 Viruses; dsDNA viruses, no RNA stage; Adenoviridae; Mastadenovirus.
 AUTHORS Hearing,P., Schmid,S.I., Ostapchuk,P.H. and Erturk,E.
 TITLE Selective regulation of adenovirus production
 JOURNAL Patent: JP 2002506355-A 4 26-FEB-2002;
 COMMENT THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK
 OS Adenovirus

PN JP 2002506355-A/4
 PD 26-FEB-2002
 PF 15-APR-1999 JP 1999552110
 PR 15-APR-1998 US 60/081867,05-JUN-1998 US 60/088321 PI
 PATRICK HEARING,SUSANNE I SCHMID,PHILONIENA H OSTAPCHUK,ECE PI
 ERTURK

PC C12N15/86
 CC AII
 FH Key Location/Qualifiers
 FT source 1..14 /organism='Adenovirus'.
 FT Location/Qualifiers

FEATURES source 1..14 /organism='unidentified adenovirus'
 /mol_type='genomic DNA'
 /db_xref='taxon:10535'

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGGTCATTTTC 912
 |||||
 Db 3 TGGCCATTTTC 13

RESULT 510
 A40581
 LOCUS 14 bp DNA linear PAT 05-MAR-1997
 DEFINITION Sequence 118 from Patent WO9425578.
 ACCESSION A40581
 VERSION A40581.1 GI:2296616
 KEYWORDS unidentified
 SOURCE unclassified

REFERENCE 1 (bases 1 to 14)
 ANTISENSE-OLIGONUCLEOTIDES FOR THE TREATMENT OF IMMUNOSUPPRESSIVE
 TITLE EFFECTS OF TRANSFORMING GROWTH FACTOR--g(b) (TGF--g(b))
 JOURNAL Patent: WO 9425578-A 118 10-NOV-1994;
 BIOGNOSTIK GES (DE)

FEATURES source 1..14 /organism='unidentified'
 /mol_type='unassigned DNA'
 /db_xref='taxon:32644'

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATC 958.
 |||||
 Db 1 TGGTTCGIGTATC 14

RESULT 511
 A59502/c
 LOCUS 14 bp DNA linear PAT 06-MAR-1998
 DEFINITION Sequence 52 from Patent WO9705234.
 ACCESSION A59502
 VERSION A59502.1 GI:3714814
 KEYWORDS
 ORGANISM
 SOURCE
 unclassified
 unclassified
 unclassified

REFERENCE 1
 AUTHORS Chamberlain,S., Pook,M.A., Doudney,C., William,E., Hillermann,R.,
 Garcia-Valdecasas,J.J. and C.
 TITLE GENE FOR FRIEDREICH'S ATAXIA
 JOURNAL Patent: WO 9705234-A 52 13-FEB-1997;
 IMPERIAL COLLEGE (GB)
 FEATURES
 source 1..14
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCTTCATCGGTTT 950
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 Db 14 CTCTTTATAGGTTT 1

RESULT 512
 A89105
 LOCUS 14 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 1253 from Patent WO9833904.
 ACCESSION A89105
 VERSION A89105.1 GI:6737675
 KEYWORDS
 SOURCE
 unclassified
 unclassified
 unclassified

REFERENCE 1 (bases 1 to 14)
 AUTHORS Brysch,W. and Schlingensiepen,K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 1253 06-AUG-1998;
 BIOGNOSIK GES (DE); BRYSCH WOLFGANG (DE)
 FEATURES
 source 1..14
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATC 958
 |||||
 Db 1 TGGTTCGIGTATC 14

RESULT 513
 A89105
 LOCUS 14 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 1253 from Patent WO9833904.
 ACCESSION A89105
 VERSION A89105.1 GI:6737675
 KEYWORDS
 SOURCE
 unclassified
 unclassified
 unclassified

REFERENCE 1 (bases 1 to 14)
 AUTHORS Brysch,W. and Schlingensiepen,K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 1253 06-AUG-1998;
 BIOGNOSIK GES (DE); BRYSCH WOLFGANG (DE)
 FEATURES
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 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATC 958
 |||||
 Db 1 TGGTTCGIGTATC 14

RESULT 513
 A89105
 LOCUS 14 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 1253 from Patent WO9833904.
 ACCESSION A89105
 VERSION A89105.1 GI:6737675
 KEYWORDS
 SOURCE
 unclassified
 unclassified
 unclassified

REFERENCE 1 (bases 1 to 14)
 AUTHORS Brysch,W. and Schlingensiepen,K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 1253 06-AUG-1998;
 BIOGNOSIK GES (DE); BRYSCH WOLFGANG (DE)
 FEATURES
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 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

VERSION AR029889.1 GI:5943103
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 78 19-JAN-1999;
 FEATURES
 Location/Qualifiers
 source 1..14
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTT 921
 |||||
 Db 1 TTTTCTTTTCCCTT 14

RESULT 514
 AR029908/c
 LOCUS 14 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 97 from patent US 5861244.
 ACCESSION AR029908
 VERSION AR029908.1 GI:5943122
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 97 19-JAN-1999;
 FEATURES
 Location/Qualifiers
 source 1..14
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 926 TTTTATCCCTCCTC 939
 |||||
 Db 14 TTTTTCCTCCCTC 1

RESULT 515
 AR030129
 LOCUS 14 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 318 from patent US 5861244.
 ACCESSION AR030129
 VERSION AR030129.1 GI:5943343
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 318 19-JAN-1999;
 FEATURES
 Location/Qualifiers
 source 1..14
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 931 TCCCTCCTCTTCAT 944
| | | | |
Db 1 TCCCTCCTCTCTT 14

RESULT 516
AR176028
LOCUS 14 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 2 from patent US 6310048.
ACCESSION AR176028
VERSION AR176028.1 GI:17917327
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Kumar,V.B.
TITLE Antisense modulation of amyloid beta protein expression
JOURNAL Patent: US 6310048-A 2 30-OCT-2001;
FEATURES
source
Location/Qualifiers
1. .14
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCA 943
| | | | |
Db 1 AACCCACATCTTCA 14

RESULT 517
E15991/c
LOCUS 14 bp DNA linear PAT 28-JUL-1999
DEFINITION Oligonucleotide which modulates expression,production or reception
of hepatocyte growth factor or expression of c-Met.
ACCESSION E15991
VERSION E15991.1 GI:5710674
KEYWORDS JP 1998127286-A/16.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Ishikawa,T., Shigematsu,T. and Yamamoto,A.
TITLE OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
JOURNAL Patent: JP 1998127286-A 16 19-MAY-1999;
COMMENT TERUMO CORP
OS None
OC Artificial sequences.
PN JP 1998127286-A/16
PD 19-MAY-1998
PF 01-NOV-1996 JP 1998291499
PI ISHIKAWA TETSUYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC
C12N15/09,A61K31/70,A61K31/70,C07H21/04;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key Location/Qualifiers
FT source 1. .14
/organism="Artificial sequences".

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 932 TTTTATCCCTCCTC 939
| | | | |
Db 1 TTCTTCCCTCCTC 14

RESULT 519
AR232861
LOCUS 14 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 118 from patent US 6455689.
ACCESSION AR232861
VERSION AR232861.1 GI:27275199
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Schlingensiepen,G.-F., Brysch,W., Schlingensiepen,K.-H.,
Schlingensiepen,R. and Bogdahn,U.
TITLE Antisense-oligonucleotides for transforming growth factor-.beta.
(TGF-.beta.)
JOURNAL Patent: US 6455689-A 118 24-SEP-2002;
FEATURES
source
Location/Qualifiers
1. .14
/organism="unknown"
/mol_type="genomic DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 TTTTATCCCTCCTC 939
| | | | |
Db 1 TTCTTCCCTCCTC 1

RESULT 518
E15992
LOCUS 14 bp DNA linear PAT 28-JUL-1999
DEFINITION Oligonucleotide which modulates expression,production or reception
of hepatocyte growth factor or expression of c-Met.
ACCESSION E15992
VERSION E15992.1 GI:5710675
KEYWORDS JP 1998127286-A/17.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Ishikawa,T., Shigematsu,T. and Yamamoto,A.
TITLE OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
JOURNAL Patent: JP 1998127286-A 17 19-MAY-1999;
COMMENT TERUMO CORP
OS None
OC Artificial sequences.
PN JP 1998127286-A/17
PD 19-MAY-1998
PF 01-NOV-1996 JP 1998291499
PI ISHIKAWA TETSUYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC
C12N15/09,A61K31/70,A61K31/70,C07H21/04;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key Location/Qualifiers
FT source 1. .14
/organism="Artificial sequences".

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 TTTTATCCCTCCTC 939
| | | | |
Db 1 TTCTTCCCTCCTC 14

RESULT 519
AR232861
LOCUS 14 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 118 from patent US 6455689.
ACCESSION AR232861
VERSION AR232861.1 GI:27275199
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Schlingensiepen,G.-F., Brysch,W., Schlingensiepen,K.-H.,
Schlingensiepen,R. and Bogdahn,U.
TITLE Antisense-oligonucleotides for transforming growth factor-.beta.
(TGF-.beta.)
JOURNAL Patent: US 6455689-A 118 24-SEP-2002;
FEATURES
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Location/Qualifiers
1. .14
/organism="unknown"
/mol_type="genomic DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


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PN JP 2001511000-A/1253
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Key
FT Location/Qualifiers
FT source 1..14
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    /db_xref="taxon:32644"

    Query Match 12.6%; Score 9.2; DB 1; Length 14;
    Best Local Similarity 78.6%; Pred. No. 3.7e+02;
    Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATGC 958
Db 1 TGGGTTTCGTATC 14

RESULT 525
LOCUS ATH525954 14 bp DNA linear PLN 29-MAR-2003
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone 110807.
ACCESSION AJ525954
VERSION 1 GI:26794214
KEYWORDS left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
    Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
    Spermatophyta; Magnoliopsida; eudicotyledons; core eudicots;
    rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
    1 Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,
      Chauvin,S., Bechtold,N., Cruaud,C., Derose,R., Pelletier,G.,
      Lepiniec,L., Caboche,M. and Lecharny,A.
      T-DNA integration into the Arabidopsis genome depends on sequences
      of pre-insertion sites
      EMBO Rep. 3 (12), 1152-1157 (2002)
      22363535
      12446565
      Balzerque,S.
      Direct Submission
      Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue
      Gaston Crenieux, 91057 Evry cedex, FRANCE
      PCR was performed on DNA from transformants of Arabidopsis thaliana
      plants from INRA (Versailles). The DNA fragment(s) resulting from
      the PCR were directly sequenced from the left or the right border
      to determine the genomic sequence flanking the insertion. T-DNA
      derived sequences were removed. Information to order the
      corresponding mutant line and a link to a database providing a
      graphical display of the insertion site are available at
      http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
      been generated in the framework of the French plant genomics
      program 'Genoplante' (http://www.genoplante.com and
      http://genoplante-info.infobiogen.fr).

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    /cultivar="Massillewskija"
    /db_xref="taxon:3702"
    /clone="110807"
    /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
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    /note="T-DNA flanking sequence
  
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left border"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTTCCTTGGTCT 920
Db 1 ATTATCTTCGTTT 14

RESULT 526
LOCUS AX263168 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 559 from Patent WO0173002.
ACCESSION AX263168
VERSION 1 GI:16511967
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
    Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
    1 Kmiec,E.B., Gamber,H.B. and Rice,M.C.
      Targeted chromosomal genomic alterations with modified single
      stranded oligonucleotides
      Patent: WO 0173002-A 559 04-OCT-2001;
      UNIVERSITY OF DELAWARE (US)
      Location/Qualifiers
      1..17
      /organism="Homo sapiens"
      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCA 966
Db 4 TGTACGATACAAA 17

RESULT 527
LOCUS AX263169/c 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 560 from Patent WO0173002.
ACCESSION AX263169
VERSION 1 GI:16511969
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
    Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
    1 Kmiec,E.B., Gamber,H.B. and Rice,M.C.
      Targeted chromosomal genomic alterations with modified single
      stranded oligonucleotides
      Patent: WO 0173002-A 560 04-OCT-2001;
      UNIVERSITY OF DELAWARE (US)
      Location/Qualifiers
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      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCA 966
Db 14 TGTACGATACAAA 1
  
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RESULT 528
AX350491/c
LOCUS AX350491 9 bp DNA linear PAT 06-FEB-2002
DEFINITION Sequence 3 from Patent WO0179561.
ACCESSION AX350491
VERSION AX350491.1 GI:18616093
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Liggett,S.B. and Small,K.M.
AUTHORS Alpha-2 adrenergic receptor polymorphisms
TITLE Patent: WO 0179561-A 3 25-OCT-2001;
JOURNAL Liggett, Stephen B. (US) ; Small, Kersten M. (US)
FEATURES
source 1..9
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
Query Match 12.3%; Score 9; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 934 CTCCTCTTC 942
DB 9 CTCCTCTTC 1
RESULT 529
AX805898/c
LOCUS AX805898 9 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 44 from Patent WO03060163.
ACCESSION AX805898
VERSION AX805898.1 GI:38522809
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 van Bijl,M.J. and van Schaik,C.
AUTHORS Discrimination and detection of target nucleotide sequences using
TITLE mass spectrometry
JOURNAL Patent: WO 03060163-A 44 24-JUL-2003;
KEYWORDS Keygene N.V. (NL)
FEATURES
source 1..9
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="scuffer sequence"
Query Match 12.3%; Score 9; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 932 CCTCTCTCT 940
DB 9 CCTCTCTCT 1
RESULT 530
BD239103/c
LOCUS BD239103 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239103
VERSION BD239103.1 GI:33048873
KEYWORDS JP 2002534056-A/521.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (Bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1326 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/521
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090079 PR
19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR
19-JUN-1998 US 60/089992,19-JUN-1998 US 60/090072 PR
19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR
19-JUN-1998 US 60/090000,19-JUN-1998 US 60/090048 PR
19-JUN-1998 US 60/089999,19-JUN-1998 US 60/090043 PR
19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090036 PR
19-JUN-1998 US 60/090044,19-JUN-1998 US 60/089844 PR
19-JUN-1998 US 60/090080,19-JUN-1998 US 60/089833 PR
19-JUN-1998 US 60/089994,19-JUN-1998 US 60/090077 PR
19-JUN-1998 US 60/090078,19-JUN-1998 US 60/090047 PR
19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N1/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
G01N37/00.
PC C12N15/00,C12N5/00,C12N15/00
CC Preparation and use of superior vaccines
FH Key Location/Qualifiers
FT source 1..10
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/notes="taxon:9606"
FEATURES
source 1..10
Location/Qualifiers
Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 908 TTTCTTTTG 916
DB 10 TTTCTTTTG 2
RESULT 531
BD239908/c
LOCUS BD239908 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239908
VERSION BD239908.1 GI:33049678
KEYWORDS JP 2002534056-A/1326.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (Bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1326 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1326
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR

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19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR 60/090079 PR
19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR 60/090072 PR
19-JUN-1998 US 60/089992,19-JUN-1998 US 60/089878,19-JUN-1998 US 60/090048 PR 60/090043 PR
19-JUN-1998 US 60/090000,19-JUN-1998 US 60/089999,19-JUN-1998 US 60/090036 PR 60/089844 PR
19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090040,19-JUN-1998 US 60/090072 PR 60/089991 PR
19-JUN-1998 US 60/090080,19-JUN-1998 US 60/089994,19-JUN-1998 US 60/090077 PR 60/090047 PR
19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR 60/090044 PR
08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS, SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
GOIN33/00,
PC C12N1/21,C12N5/10,GOIN33/15,GOIN33/50,GOIN33/53,GOIN33/566, PC
GOIN37/00,
CC Preparation and use of superior vaccines
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/db_xref='taxon:9606'
Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 912 CTTTGCTCT 920
DB 9 CTTTGCTCT 1
RESULT 532
BD240077 10 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD240077
VERSION BD240077.1 GI:33049847
KEYWORDS JP 2002534056-A/1495.
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1495 15-OCT-2002;
GENZYME CORP
COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/1495
PD 15-OCT-2002
PR 18-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
PR 19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090079 PR
19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR
19-JUN-1998 US 60/089992,19-JUN-1998 US 60/090072 PR
19-JUN-1998 US 60/089994,19-JUN-1998 US 60/089991 PR
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19-JUN-1998 US 60/089999,19-JUN-1998 US 60/090043 PR
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19-JUN-1998 US 60/090044,19-JUN-1998 US 60/089844 PR
19-JUN-1998 US 60/090080,19-JUN-1998 US 60/090077 PR
19-JUN-1998 US 60/089994,19-JUN-1998 US 60/090077 PR
19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR

08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS, SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,GOIN33/15,GOIN33/50,GOIN33/53,GOIN33/566, PC
GOIN37/00,
PC C12N15/00,C12N5/00,C12N15/00
CC Preparation and use of superior vaccines
PH Key Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 932 CCCTCCTCT 940
DB 2 CCCTCCTCT 10
RESULT 533
AR287774/c 10 bp DNA linear PAT 12-JUN-2003
LOCUS
DEFINITION Sequence 5 from patent US 6534259.
ACCESSION AR287774
VERSION AR287774.1 GI:31674812
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 10)
AUTHORS Wakefield,A.
TITLE Regressive behavioral disorder diagnosis
JOURNAL Patent: US 6534259-A 5 18-MAR-2003;
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Location/Qualifiers
/organism='unknown'
/mol_type='genomic DNA'
Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 939 CTTCAATCG 947
DB 10 CTTCAATCG 2
RESULT 534
AR303335 10 bp DNA linear PAT 12-JUN-2003
LOCUS
DEFINITION Sequence 60 from patent US 6544736.
ACCESSION AR303335
VERSION AR303335.1 GI:31692111
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 10)
AUTHORS Shimamoto,A., Furuchi,Y., Shibata,Y., Funaki,H., Ohara,E. and
Wakahiki,M.
TITLE Method for synthesizing cDNA from mRNA sample
JOURNAL Patent: US 6544736-A 60 08-APR-2003;
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Location/Qualifiers
/organism='unknown'
/mol_type='genomic DNA'

Query Match 12.3%; Score 9; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 3.1e+02;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 917 GTCTTTGCC 925
 |||||
 Db 2 GTCTTTGCC 10

RESULT 535
 AR303355/c
 LOCUS AR303355 10 bp DNA linear PAT 12-JUN-2003
 DEFINITION Sequence 80 from patent US 6544736.
 ACCESSION AR303355
 VERSION AR303355.1 GI:31692131
 KEYWORDS Unknown.
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 10)
 AUTHORS Shimamoto,A., Furuichi,Y., Shibata,Y., Funaki,H., Ohara,E. and Watahiki,M.
 TITLE Method for synthesizing cDNA from mRNA sample
 JOURNAL Patent: US 6544736-A 80 08-APR-2003;
 FEATURES Location/Qualifiers
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 /mol_type="genomic DNA"

Query Match 12.3%; Score 9; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 3.1e+02;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 911 TCTTTGGTC 919
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 Db 9 TCTTTGGTC 1

RESULT 536
 AR303418
 LOCUS AR303418 10 bp DNA linear PAT 12-JUN-2003
 DEFINITION Sequence 143 from patent US 6544736.
 ACCESSION AR303418
 VERSION AR303418.1 GI:31692194
 KEYWORDS Unknown.
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 10)
 AUTHORS Shimamoto,A., Furuichi,Y., Shibata,Y., Funaki,H., Ohara,E. and Watahiki,M.
 TITLE Method for synthesizing cDNA from mRNA sample
 JOURNAL Patent: US 6544736-A 143 08-APR-2003;
 FEATURES Location/Qualifiers
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Query Match 12.3%; Score 9; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 3.1e+02;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 911 TCTTTGGTC 919
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 Db 2 TCTTTGGTC 10

RESULT 537
 AX152729/c
 LOCUS AX152729 10 bp DNA linear PAT 22-JUN-2001
 DEFINITION Sequence 644 from Patent WO0138577.
 ACCESSION AX152729

VERSION AX152729.1 GI:14534380
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Veiculescu,V.E., Vogelstein,B. and Kinzler,K.W.
 TITLE Human transcriptomes
 JOURNAL Patent: WO 0138577-A 644 31-MAY-2001;
 The Johns Hopkins University (US)
 FEATURES Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.3%; Score 9; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 3.1e+02;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 912 CTTTGGTCT 920
 |||||
 Db 9 CTTTGGTCT 1

RESULT 538
 AX301523/c
 LOCUS AX301523 10 bp DNA linear PAT 30-NOV-2001
 DEFINITION Sequence 237 from Patent WO0185941.
 ACCESSION AX301523
 VERSION AX301523.1 GI:17382606
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Versteeg,R. and Caron,H.N.
 TITLE Myc targets
 JOURNAL Patent: WO 0185941-A 237 15-NOV-2001;
 Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
 FEATURES Location/Qualifiers
 source
 1..10
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.3%; Score 9; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 3.1e+02;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 906 CATTTCCTT 914
 |||||
 Db 10 CATTTCCTT 2

RESULT 539
 BD081743/c
 LOCUS BD081743 10 bp DNA linear PAT 27-AUG-2002
 DEFINITION Cardiac hypertrophy model animal relating to NF-AT3 function and therapeutic method.
 ACCESSION BD081743
 VERSION BD081743.1 GI:22627346
 KEYWORDS JP 2001520170-A/7.
 SOURCE Glirulus japonicus (Japanese dormouse)
 ORGANISM Glirulus japonicus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Myoxidae; Myoxinae; Glirulus.
 REFERENCE 1 (bases 1 to 10)
 AUTHORS Olson,E.N., Grant,S.R. and Molkenin,J.D.
 TITLE Cardiac hypertrophy model animal relating to NF-AT3 function and

JOURNAL
Patent: JP 2001520170-A 7 30-OCT-2001;
BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, UNIVERSITY OF
NORTH TEXAS HEALTH SCIENCE CENTER
COMMENT
OS Glirulus japonicus
PN JP 2001520170-A/7
PD 30-OCT-2001
PF 15-OCT-1998 JP 2000516024
PR 16-OCT-1997 US 60/062864, 10-NOV-1997 US 60/065178 PR
15-APR-1998 US 60/081853, 16-APR-1998 US 09/061417 PI ERIC N
OLSON, STEPHEN R GRANT, JEFFREY D MOKENTIN PC
A61K45/00, A01K67/037, A61K31/711, A61K38/00, A61K39/395, A61K39/ PC
395, A61K48/00,
PC A61K49/00, A61P9/04, C07K14/58, C12N15/09, C12Q1/02, A61K37/02, PC
C12N15/00
CC Cardiac hypertrophy model animal relating to NF-A13 function
and
CC therapeutic method
CC Key Location/Qualifiers
FT Key 1..10
FT source /organism='Glirulus japonicus'.
FEATURES
source
1..10
Location/Qualifiers
/organism='Glirulus japonicus'
/mol_type='genomic DNA'
/db_xref='taxon:55147'
Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 925 CTTTATCC 933
Db 10 CTTTATCC 2

RESULT 540
BD166487/c
LOCUS
DEFINITION Human liver disease-expressing genes.
ACCESSION BD166487
VERSION BD166487.1 GI:27872299
KEYWORDS JP 2002209591-A/32.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.
TITLE Human liver disease-expressing genes
JOURNAL Patent: JP 2002209591-A 32 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT OS Homo sapiens (human)
PN JP 2002209591-A/32
PD 30-JUL-2002
PF 19-JAN-2001 JP 2001012328
PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
YAMASHITA
PC C12N15/09, C07K14/47, C07K16/18, G01N33/15, G01N33/50//C12P21/02,
PC C12P21/08,
PC C12N15/00
CC Human liver disease-expressing genes
CC Key Location/Qualifiers
FT Key 1..10
FT source /organism='Homo sapiens (human)'.
FEATURES
source
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/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGGTCT 920
Db 9 CTTTGGTCT 1
RESULT 541
A10043/c
LOCUS
DEFINITION Nucleotide sequence 2 from patent number EP0346316.
ACCESSION A10043
VERSION A10043.1 GI:489104
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Gidlund, M., Lake, M., Loewenadler, B. and Wiszell, H.
TITLE Fusion protein and its use
JOURNAL Patent: EP 0346316-A 2 13-DEC-1989;
KabiGen AB
FEATURES
source
1..11
Location/Qualifiers
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'
Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 919 CTTTGCCTT 927
Db 10 CTTTGCCTT 2

RESULT 542
A17133
LOCUS
DEFINITION Oligonucleotide adaptor BB986 (SEQ ID NO: 33).
ACCESSION A17133
VERSION A17133.1 GI:512183
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 11)
AUTHORS STEM CELL INHIBITING PROTEINS
TITLE Patent: WO 9313206-A 33 08-JUL-1993;
JOURNAL
FEATURES
source
1..11
Location/Qualifiers
/organism='synthetic construct'
/mol_type='unassigned DNA'
/db_xref='taxon:32630'
Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 925 CTTTATCC 933
Db 2 CTTTATCC 10
RESULT 543
A18073
LOCUS
DEFINITION carboxy terminus of alpha factor seq ID No:12.
ACCESSION A18073
VERSION A18073.1 GI:512252
KEYWORDS
SOURCE synthetic construct
FEATURES
source
1..11
Location/Qualifiers
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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ORGANISM    synthetic construct
REFERENCE    1 (bases 1 to 11)
AUTHORS
TITLE       PHARMACEUTICALLY ACTIVE PROTEINS COMPRISING AN ACTIVE PROTEIN AND
            AN INTEGRIN AFFINITY SEQUENCE
JOURNAL     Patent: WO 9207874-A 27 14-MAY-1992;
FEATURES    Location/Qualifiers
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
Db 2 CTTTATCC 10

RESULT 544
LOCUS      A19998 11 bp DNA linear PAT 14-JUL-1995
DEFINITION SEQ ID NO: 6; Oligonucleotide adaptor.
ACCESSION  A19998
VERSION     A19998.1 GI:1246961
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Proteins and Nucleic Acids
TITLE      Patent: WO 9109125-A 6 27-JUN-1991;
JOURNAL    Location/Qualifiers
FEATURES   source
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            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
Db 2 CTTTATCC 10

RESULT 545
LOCUS      AR027517 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 33 from patent US 5856301.
ACCESSION  AR027517
VERSION     AR027517.1 GI:5938337
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Craig, S., Hunter, M. George., Edwards, R. Mark., Czaplowski, L. George.
TITLE      Stem cell inhibiting proteins
JOURNAL    Patent: US 5856301-A 33 05-JAN-1999;
FEATURES    Location/Qualifiers
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            1..11
            /organism="unassigned DNA"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
Db 2 CTTTATCC 10

RESULT 546
LOCUS      AR029945 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 134 from patent US 5861244.
ACCESSION  AR029945
VERSION     AR029945.1 GI:5943159
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 134 19-JAN-1999;
FEATURES    Location/Qualifiers
            source
            1..11
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
Db 3 CCTCTCTCT 11

RESULT 547
LOCUS      AR029971 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 160 from patent US 5861244.
ACCESSION  AR029971
VERSION     AR029971.1 GI:5943185
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 160 19-JAN-1999;
FEATURES    Location/Qualifiers
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
Db 3 CCTCTCTCT 11

RESULT 548
LOCUS      AR030007 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 196 from patent US 5861244.
ACCESSION  AR030007
VERSION     AR030007.1 GI:5943221
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.

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REFERENCE 1 (bases 1 to 11)
Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 196 19-JAN-1999;
FEATURES Location/Qualifiers
source 1..11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
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Db 3 CCTCTCTCT 11

RESULT 549
AR045253/c
LOCUS 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 46 from patent US 5817796.
ACCESSION AR045253
VERSION AR045253.1 GI:5966718
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylate residues
JOURNAL Patent: US 5817796-A 46 06-OCT-1998;
FEATURES Location/Qualifiers
source 1..11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914
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Db 9 CATTTCCTT 1

RESULT 550
BD244488/c
LOCUS 11 bp DNA linear PAT 17-JUL-2003
DEFINITION New triplex forming oligonucleotides and their use in anti-HBV.
ACCESSION BD244488
VERSION BD244488.1 GI:33054258
KEYWORDS JP 2002511384-A/6.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 11)
AUTHORS Lu,C.
TITLE New triplex forming oligonucleotides and their use in anti-HBV
JOURNAL Patent: JP 2002511384-A 6 16-APR-2002;
COMMENT SHANGHAI INSTITUTE OF BIOCHEMISTRY CHINESE ACADEMY OF SCIENCES
PN JP 2002511384-A/6
PD 16-APR-2002
PF 19-OCT-1998 JP 2000516982
PR 21-OCT-1997 CN 97 1 06667.1
PI CHANGE LU
PC A61K31/711,A61K48/00,A61P31/20,C12N15/09,C12N15/00 CC
Description of Artificial Sequence: Triplex forming CC
oligonucleotide
CC This oligo may or may not be 3'-monophosphorylated FH Key
Location/Qualifiers 1..11
FT source

REFERENCE 1 (bases 1 to 11)
Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 196 19-JAN-1999;
FEATURES Location/Qualifiers
source 1..11
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
|||||
Db 9 CCTCTCTCT 1

RESULT 551
I13187
LOCUS 11 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 6 from patent US 5434073.
ACCESSION I13187
VERSION I13187.1 GI:910535
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Dawson,K., Hunter,M.G. and Czaplewski,L.G.
TITLE Fibrinolytic and anti-thrombotic cleavable dimers
JOURNAL Patent: US 5434073-A 6 18-JUL-1995;
FEATURES Location/Qualifiers
source 1..11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
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Db 2 CTTTATCC 10

RESULT 552
I52305/c
LOCUS 11 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 46 from patent US 5646042.
ACCESSION I52305
VERSION I52305.1 GI:2473506
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 46 08-JUL-1997;
FEATURES Location/Qualifiers
source 1..11
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/mol_type="unassigned DNA"

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914
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Db 9 CATTTCCTT 1

RESULT 553

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AR301641      AR301641      11 bp      DNA      linear      PAT 12-JUN-2003
LOCUS          Sequence 222 from patent US 6538173.
DEFINITION
ACCESSION      AR301641
VERSION        AR301641.1 GI:31689443
KEYWORDS
SOURCE         Unknown.
ORGANISM       Unclassified.
               1 (bases 1 to 11)
REFERENCE      Heber-Katz,E.
AUTHORS        Compositions and methods for wound healing
TITLE          Patent: US 6538173-A 222 25-MAR-2003;
JOURNAL        Location/Qualifiers
FEATURES       source
               1..11
               /organism="unknown"
               /mol_types="genomic DNA"
Query Match    12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 910 TTTCTTGGT 918
Db 1 TTTCTTGGT 9
RESULT 554
AX470760/c
LOCUS          AX470760      11 bp      DNA      linear      PAT 09-AUG-2002
DEFINITION      Sequence 337 from Patent WO02053773.
ACCESSION      AX470760
VERSION        AX470760.1 GI:22205885
KEYWORDS
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Hofmann,K., Conradt,M. and Petersohn,D.
TITLE          Method for determining skin stress or skin ageing in vitro
JOURNAL        Patent: WO 02053773-A 337 11-JUL-2002;
               HENKEL KGAA (DE)
FEATURES       source
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               Location/Qualifiers
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               /mol_types="unassigned DNA"
               /db_xref="taxon:9606"
Query Match    12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 908 TTTTCTTTG 916
Db 10 TTTTCTTTG 2
RESULT 555
AX471385/c
LOCUS          AX471385      11 bp      DNA      linear      PAT 09-AUG-2002
DEFINITION      Sequence 962 from Patent WO02053773.
ACCESSION      AX471385
VERSION        AX471385.1 GI:22206510
KEYWORDS
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Hofmann,K., Conradt,M. and Petersohn,D.
TITLE          Method for determining skin stress or skin ageing in vitro
JOURNAL        Patent: WO 02053773-A 962 11-JUL-2002;

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HENKEL KGAA (DE)
FEATURES       source
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               /db_xref="taxon:9606"
Query Match    12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 912 CTTTGGTCT 920
Db 9 CTTTGGTCT 1
RESULT 556
AX624067/c
LOCUS          AX624067      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION      Sequence 1108 from Patent WO02053774.
ACCESSION      AX624067
VERSION        AX624067.1 GI:28452008
KEYWORDS
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Petersohn,D., Conradt,M. and Hofmann,K.
TITLE          Method for determining homeostasis of the skin
JOURNAL        Patent: WO 02053774-A 1108 11-JUL-2002;
               Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES       source
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Query Match    12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 947 GTTTAATGT 955
Db 11 GTTTAATGT 3
RESULT 557
AX624265/c
LOCUS          AX624265      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION      Sequence 1306 from Patent WO02053774.
ACCESSION      AX624265
VERSION        AX624265.1 GI:28452206
KEYWORDS
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Petersohn,D., Conradt,M. and Hofmann,K.
TITLE          Method for determining homeostasis of the skin
JOURNAL        Patent: WO 02053774-A 1306 11-JUL-2002;
               Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES       source
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               Location/Qualifiers
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Query Match    12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy	933	CTCTCCTCTT	941
Dd			
	9	CTCTCCTCTT	1
RESULT	558		
LOCUS	AX624649/c		
DEFINITION	Sequence 1690 from Patent WO02053774.	11 bp	DNA
ACCESSION	AX624649		linear
VERSION	AX624649.1	GI:28452590	PAT 21-FEB-2003
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A.1690 11-JUL-2002;		
FEATURES	Henkel Kommanditgesellschaft auf Aktien (DE)		
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Best Local Similarity	100.0%; Pred. No. 3.3e+02;		
Matches	9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
Qy	908	TTTTCCTTTG	916
Dd			
	10	TTTTCCTTTG	2
RESULT	559		
LOCUS	AX624696		
DEFINITION	Sequence 1737 from Patent WO02053774.	11 bp	DNA
ACCESSION	AX624696		linear
VERSION	AX624696.1	GI:28452637	PAT 21-FEB-2003
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A.1737 11-JUL-2002;		
FEATURES	Henkel Kommanditgesellschaft auf Aktien (DE)		
source	Location/Qualifiers		
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Query Match	12.3%; Score 9; DB 1; Length 11;		
Best Local Similarity	100.0%; Pred. No. 3.3e+02;		
Matches	9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
Qy	912	CTTTGGTCT	920
Dd			
	3	CTTTGGTCT	11
RESULT	560		
LOCUS	AX625006/c		
DEFINITION	Sequence 2047 from Patent WO02053774.	11 bp	DNA
ACCESSION	AX625006		linear
VERSION	AX625006.1	GI:28452947	PAT 21-FEB-2003

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 12.3%; Score 9; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGGTCT 920
|||||
9 CTTTGGTCT 1

Db
AX628126 11 bp DNA linear PAT 21-FEB-2003
LOCUS AX628126
DEFINITION Sequence 5167 from Patent WO02053774.
ACCESSION AX628126
VERSION AX628126.1 GI:28456164
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 5167 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 12.3%; Score 9; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTG 916
|||||
10 TTTTCTTTG 2

Db
AX629268 11 bp DNA linear PAT 21-FEB-2003
LOCUS AX629268
DEFINITION Sequence 6309 from Patent WO02053774.
ACCESSION AX629268
VERSION AX629268.1 GI:28457306
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 6309 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match
Best Local Similarity 12.3%; Score 9; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
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Db
AX632070 11 bp DNA linear PAT 21-FEB-2003
LOCUS AX632070
DEFINITION Sequence 9112 from Patent WO02053774.
ACCESSION AX632070
VERSION AX632070.1 GI:28467685
KEYWORDS
SOURCE Homo sapiens (human)

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Db
11 TCCTCTTCA 3

RESULT 565
AX631488/c
LOCUS AX631488
DEFINITION Sequence 8530 from Patent WO02053774.
ACCESSION AX631488
VERSION AX631488.1 GI:28459554
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 8530 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match
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QY 947 GTTTAATGT 955
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11 GTTTAATGT 3

Db
AX631686 11 bp DNA linear PAT 21-FEB-2003
LOCUS AX631686
DEFINITION Sequence 8728 from Patent WO02053774.
ACCESSION AX631686
VERSION AX631686.1 GI:28459793
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 8728 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 933 CCTCTCTTT 941
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9 CCTCTCTTT 1

Db
AX632070/c
LOCUS AX632070
DEFINITION Sequence 9112 from Patent WO02053774.
ACCESSION AX632070
VERSION AX632070.1 GI:28467685
KEYWORDS
SOURCE Homo sapiens (human)

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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9112 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 10 TTTTCTTTG 2
RESULT 568
AX632117
LOCUS AX632117 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9159 from Patent WO02053774.
ACCESSION AX632117
VERSION AX632117.1 GI:28467732
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9159 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 912 CTTTGGTCT 920
Db 3 CTTTGGTCT 11
RESULT 569
AX632427/c
LOCUS AX632427 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9469 from Patent WO02053774.
ACCESSION AX632427
VERSION AX632427.1 GI:28468042
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9469 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 910 TTTCTTGGT 918
Db 1 TTTCTTGGT 9
RESULT 571
AR101000
LOCUS AR101000 12 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 88 from patent US 6083693.
ACCESSION AR101000
VERSION AR101000.1 GI:12811798
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (Bases 1 to 12)
AUTHORS Nandabalan,K. and Rothberg,J.Marc.
TITLE Identification and comparison of protein-protein interactions that occur in populations
JOURNAL Patent: US 6083693-A 88 04-JUL-2000;
FEATURES
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            Location/Qualifiers
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The United States of America as represented by the Secretary of
the, Washington, DC
FEATURES
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        /mol_type="unassigned DNA"

Query Match      12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 936 CCTCTTCAT 944
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Db 3 CCTCTTCAT 11

RESULT 572
E17218
LOCUS E17218 12 bp DNA linear PAT 28-JUL-1999
DEFINITION Oligonucleotide which comprises a stable triple-stranded nucleic
acid.
ACCESSION E17218
VERSION E17218.1 GI:57111901
KEYWORDS JP 1998257889-A/3.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Yamamoto,N., Okamoto,H., Suzuki,T. and Sugimoto,N.
TITLE STABILIZATION OF TRIPLE-STRANDED NUCLEIC ACID AND FORMATION OF
NUCLEIC ACID TRIMER
JOURNAL Patent: JP 1998257889-A 3 29-SEP-1998;
COMMENT CANON INC
OS None
OC Artificial sequences.
PN JP 1998257889-A/3
PD 29-SEP-1998
PF 19-MAR-1997 JP 1997066427
PI YAMAMOTO NOBUKO, OKAMOTO HISASHI, SUZUKI TOMOHIRO, PI
SUGIMOTO NAOKI
PC C12N15/09;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key Location/Qualifiers
FH source 1..12
FT source /organism='Artificial sequences'.
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        /organism="unidentified"
        /mol_type="genomic DNA"
        /db_xref="taxon:32644"

Query Match      12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 932 CCTCTCTCT 940
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Db 4 CCTCTCTCT 12

RESULT 573
I04181/c
LOCUS I04181 12 bp ss-DNA linear PAT 21-MAY-1993
DEFINITION Sequence 1 from Patent US 4707445.
ACCESSION I04181
VERSION I04181.1 GI:268759
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS McCutchan,T.F. and Dane,J.B.
TITLE Intact gene and method of excising and cloning same
JOURNAL Patent: US 4707445-A 1 17-NOV-1987;

/organism="unknown"
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Query Match      12.3%; Score 9; DB 1; Length 12;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 936 CCTCTTCAT 944
    |||||
Db 3 CCTCTTCAT 11

RESULT 574
AR371433
LOCUS AR371433 12 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 88 from patent US 6395478.
ACCESSION AR371433
VERSION AR371433.1 GI:34608367
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Nandabalan,K. and Rothberg,J.M.
TITLE Identification and comparison of protein-protein interactions that
occur in populations and indentification of inhibitors of these
interactors
JOURNAL Patent: US 6395478-A 88 28-MAY-2002;
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Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 936 CCTCTTCAT 944
    |||||
Db 3 CCTCTTCAT 11

RESULT 575
AX003295
LOCUS AX003295 12 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 30 from Patent WO9929871.
ACCESSION AX003295
VERSION AX003295.1 GI:9927112
KEYWORDS .
SOURCE Circovirus
ORGANISM Circovirus
Viruses; ssDNA viruses; Circoviridae.
REFERENCE 1
AUTHORS Hutet,E., Albina,E., Arnauld,C., Cariolet,R., Jestin,A., Le,C.P.,
Maded,F., Mahe,D., Blanchard,P. and Truong,C.
TITLE Circovirus sequences related to piglet weight loss disease (pwd)
JOURNAL Patent: WO 9929871-A 30 17-JUN-1999;
HUTET EVELYNE (FR); ALBINA EMMAUEL (FR); ARNAULD CLAIRE (FR);
CARIOLET ROLAND (FR); JESTIN ANDRE (FR); LE CANN PIERRE (FR); MADEC
FRANCOIS (FR); MAHE DOMINIQUE (FR); BLANCHARD PHILIPPE (FR); TRUONG
CATHERINE (FR); VETERINAIRES ET ALIMENTAIRES C (FR)
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        /mol_type="unassigned DNA"
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Query Match      12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;

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ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner,S.
TITLE DNA sequencing by stepwise ligation and cleavage
JOURNAL Patent: US 5552278-A 7 03-SEP-1996;
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Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCA 943
Db 5 TCCTCTTCA 13

RESULT 581
LOCUS I34897 134897 13 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 24 from patent US 559675.
ACCESSION I34897
VERSION I34897.1 GI:2087865
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner,S.
TITLE DNA sequencing by stepwise ligation and cleavage
JOURNAL Patent: US 559675-A 24 04-FEB-1997;
FEATURES
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Query Match 12.3%; Score 9; DB 1; Length 13;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCA 943
Db 5 TCCTCTTCA 13

RESULT 582
LOCUS I83518 183518 13 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 24 from patent US 5714330.
ACCESSION I83518
VERSION I83518.1 GI:3407048
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner,S. and DuBridge,R.B.
TITLE DNA sequencing by stepwise ligation and cleavage
JOURNAL Patent: US 5714330-A 24 03-FEB-1998;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCA 943
Db 5 TCCTCTTCA 13

RESULT 583
LOCUS AR382729 134897 13 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 87 from patent US 6610533.
ACCESSION AR382729
VERSION AR382729.1 GI:40091516
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Inouye,M., Wang,N. and Yamanaka,K.
TITLE Cold-shock regulatory elements, constructs thereof, and methods of use
JOURNAL Patent: US 6610533-A 87 26-AUG-2003;
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Best Local Similarity 100.0%; Pred.No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 913 TTTGGTCTT 921
Db 13 TTTGGTCTT 5

RESULT 584
LOCUS AX009169 134897 13 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 202 from Patent WO9963975.
ACCESSION AX009169
VERSION AX009169.1 GI:9996543
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Eukarya; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Brysch,W., Schlingensiepen,K.H. and Schlingensiepen,R.
TITLE A method for stimulating the immune system
JOURNAL Patent: WO 9963975-A 202 16-DEC-1999;
BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL
HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
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            /db_xref="taxon:9606"
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 909 TTTCTTTGG 917
Db 4 TTTCTTTGG 12

RESULT 585
LOCUS BD023437 134897 13 bp DNA linear PAT 27-AUG-2002
DEFINITION Method for detecting abnormality in chromosome.
ACCESSION BD023437
VERSION BD023437.1 GI:22564660
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1 (bases 1 to 13)
AUTHORS
Parisgard,N. and Hokurando,P.
TITLE
Method for detecting abnormality in chromosome
JOURNAL
Patent: JP 2003505428-A 182 24-APR-2001;

NEILLS PARISGARD
COMMENT
PN JP 2001505428-A/182
PD 24-APR-2001

PF 08-DEC-1997 JP 1998525090
PI NEILLS PARISGARD,PATER HOKURANDO
PC C12N15/09,C12Q1/68,G01N33/50,C12N15/00
CC Strandedness: Single;
CC Topology: Linear; Location/Qualifiers.

FH Key Location/Qualifiers

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Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCA 943

Db 2 TCCTCTTCA 10

RESULT 586
BD064831/c
LOCUS
BD064831 13 bp DNA linear PAT 27-AUG-2002
DEFINITION
Method for detecting the extent of binding of transcriptional
regulatory protein to oligoDNA.

ACCESSION
BD064831.1 GI:22610434
VERSION
JP 2001275678-A/43.
KEYWORDS
synthetic construct
SOURCE
artificial sequences.

REFERENCE
1 (bases 1 to 13)
AUTHORS
Kishimoto,T., Niwa,S., Mori,Y., Sachiyo, Mimaki, Fukushima,R. and
Nishikawa,K.

TITLE
Method for detecting the extent of binding of transcriptional
regulatory protein to oligoDNA

JOURNAL
Patent: JP 2001275678-A 43 09-OCT-2001;
COMMENT
SUMITOMO ELECTRIC INDUSTRIES LTD
OS Artificial Sequence
PN JP 2001275678-A/43

PF 31-MAR-2000 JP 2000096306
PI TOSHIHIKO KISHIMOTO,SHINICHIRO NIWA,YUKO MORI,SACHIYO PI
MIMAKI,REI FUKUSHIMA,

PI KAZUKO NISHIKAWA
PC C12N15/09,C12N5/10,C12Q1/00,C12Q1/68,C12N15/00,C12N5/00 CC
Synthetic DNA

FH Key Location/Qualifiers
FT source 1..13
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FEATURES
source
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Location/Qualifiers
/organism="synthetic construct"
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/db_xref="taxon:32630"

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 932 CCCTCCTCT 940

Db 10 CCCTCCTCT 2

RESULT 587
AR029976/c

LOCUS
AR029976 12 bp DNA linear PAT 29-SEP-1999
DEFINITION
Sequence 165 from patent US 5861244.

ACCESSION
AR029976
VERSION
AR029976.1 GI:5943190

KEYWORDS
Unknown.
SOURCE
Unknown.

ORGANISM
Unclassified.

REFERENCE
1 (bases 1 to 12)

AUTHORS
Wang,C.-G. and Hepburn,A.G.
TITLE
Genetic sequence assay using DNA triple strand formation
JOURNAL
Patent: US 5861244-A 165 19-JAN-1999;

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Location/Qualifiers
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/organism="unknown"
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Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCAT 944

Db 12 CCTCATCTTCTT 1

RESULT 588

AR029998

LOCUS
AR029998 12 bp DNA linear PAT 29-SEP-1999
DEFINITION
Sequence 187 from patent US 5861244.

ACCESSION
AR029998
VERSION
AR029998.1 GI:5943212

KEYWORDS
Unknown.

SOURCE
Unknown.

ORGANISM
Unclassified.

REFERENCE
1 (bases 1 to 12)

AUTHORS
Wang,C.-G. and Hepburn,A.G.
TITLE
Genetic sequence assay using DNA triple strand formation
JOURNAL
Patent: US 5861244-A 187 19-JAN-1999;

FEATURES
Location/Qualifiers
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Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCAT 944

Db 1 CCTCATCTTCTT 12

RESULT 589

AR030038/c

LOCUS
AR030038 12 bp DNA linear PAT 29-SEP-1999
DEFINITION
Sequence 227 from patent US 5861244.

ACCESSION
AR030038
VERSION
AR030038.1 GI:5943252

KEYWORDS
Unknown.

SOURCE
Unknown.

ORGANISM
Unclassified.

REFERENCE
1 (bases 1 to 12)

AUTHORS
Wang,C.-G. and Hepburn,A.G.
TITLE
Genetic sequence assay using DNA triple strand formation
JOURNAL
Patent: US 5861244-A 227 19-JAN-1999;

FEATURES
Location/Qualifiers

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Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTATCCCT 935
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Db      12 CCTTTCACCCCT 1

RESULT 590
AR030048/c
LOCUS      AR030048      12 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 237 from patent US 5861244.
ACCESSION  AR030048
VERSION     AR030048.1 GI:5943262
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS    Wang,C.-G. and Hepburn,A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 237 19-JAN-1999;
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Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTATCCCT 935
      ||||| |||||
Db      12 CCTTTCACCCCT 1

RESULT 591
AR030060/c
LOCUS      AR030060      12 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 249 from patent US 5861244.
ACCESSION  AR030060
VERSION     AR030060.1 GI:5943274
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS    Wang,C.-G. and Hepburn,A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 249 19-JAN-1999;
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source
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Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTATCCCT 935
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Db      12 CCTTTCACCCCT 1

RESULT 592
AR030070/c
LOCUS      AR030070      12 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 259 from patent US 5861244.
ACCESSION  AR030070
VERSION     AR030070.1 GI:5943284
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS    Wang,C.-G. and Hepburn,A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 259 19-JAN-1999;
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Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTATCCCT 935
      ||||| |||||
Db      12 CCTTTCACCCCT 1

RESULT 593
AR030074/c
LOCUS      AR030074      12 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 263 from patent US 5861244.
ACCESSION  AR030074
VERSION     AR030074.1 GI:5943288
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS    Wang,C.-G. and Hepburn,A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 263 19-JAN-1999;
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Query Match      12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTATCCCT 935
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Db      12 CCTTTCACCCCT 1

RESULT 594
AR058453/c
LOCUS      AR058453      12 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 30 from patent US 5837832.
ACCESSION  AR058453
VERSION     AR058453.1 GI:5984030
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS    Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
            Lipshutz,R.J., Lobb,P.E., Mortis,M.S. and Sheldon,E.L.
TITLE      Arrays of nucleic acid probes on biological chips
JOURNAL    Patent: US 5837832-A 30 17-NOV-1998;
FEATURES
source
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            /mol_type="unassigned DNA"

Query Match      12.1%; Score 8.8; DB 1; Length 12;

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Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTGCCT 926
|||||
Db 12 TGGTCTAGCCT 1

RESULT 595
AR058620/c
LOCUS AR058620 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 197 from patent US 5837832.
ACCESSION AR058620
VERSION AR058620.1 GI:5984197
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
Lipshutz,R.J., Lobb,P.B., Morris,M.S. and Sheldon,E.L.
TITLE Arrays of nucleic acid probes on biological chips
JOURNAL Patent: US 5837832-A 197 17-NOV-1998;
FEATURES Location/Qualifiers
source
1..12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 ATCCCTCTCTT 941
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Db 12 ATCCCTCTCGT 1

RESULT 596
I58341/c
LOCUS I58341 12 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 2 from patent US 5652103.
ACCESSION I58341
VERSION I58341.1 GI:2477579
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Agrawal,S. and Tang,J.-Y.
TITLE Method for sequencing synthetic oligonucleotides containing
non-phosphodiester internucleotide linkages
JOURNAL Patent: US 5652103-A 2 29-JUL-1997;
FEATURES Location/Qualifiers
source
1..12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCTCTTCAT 944
|||||
Db 12 CCTCTCTTCAT 1

RESULT 597
AR214799/c
LOCUS AR214799 12 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 17 from patent US 6410226.
ACCESSION AR214799
VERSION AR214799.1 GI:23312730
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Kmiec,E.B., Holloman,W.K., Rice,M.C., Smith,S.T. and Shu,Z.
TITLE Mammalian and human REC2
JOURNAL Patent: US 6410226-A 17 25-JUN-2002;
FEATURES Location/Qualifiers
source
1..12
/organism="unknown"
/mol_type="genomic DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 TTTTATCCTCC 937
|||||
Db 12 TTTTATGCTCC 1

RESULT 598
AR222376
LOCUS AR222376 12 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 26 from patent US 6429291.
ACCESSION AR222376
VERSION AR222376.1 GI:23329881
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Turley,E.A., Zhang,S. and Entwistle,J.
TITLE Hyaluronan receptor protein
JOURNAL Patent: US 6429291-A 26 06-AUG-2002;
FEATURES Location/Qualifiers
source
1..12
/organism="unknown"
/mol_type="genomic DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 917 GCTTTGCTTT 928
|||||
Db 1 GATTTTCTTT 12

RESULT 599
AX068118/c
LOCUS AX068118 12 bp DNA linear PAT 25-JAN-2001
DEFINITION Sequence 5 from Patent WO0102553.
ACCESSION AX068118
VERSION AX068118.1 GI:12578323
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bell,A.C., West,A.G. and Felsenfeld,G.
TITLE Dna binding protein and sequence as insulators having specific
enhancer blocking activity for regulation of gene expression
JOURNAL Patent: WO 0102553-A 5 11-JAN-2001;
FEATURES THE GOVERNMENT OF THE UNITED STATES OF AMERICA (US)
Location/Qualifiers
source
1..12
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 12.1%; Score 8.8; DB 1; Length 12;

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Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGTA 956
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Db 12 TGCATTAATGTA 1

RESULT 600
AX211687 12 bp RNA linear PAT 06-SEP-2001
LOCUS Sequence 17 from Patent WO0159138.
DEFINITION AX211687
ACCESSION AX211687
VERSION AX211687.1 GI:15523919
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Vanderhaeghen,R. and van Lijsebettens,M.
TITLE Plant internal ribosome entry segment
JOURNAL Patent: WO 0159138-A 17 16-AUG-2001;
Viama's Interuniversitair Instituut voor Biotechnologie vzw. (BE)
FEATURES
source
1. .12
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="primer oligo #2"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 929 TATCCCTCCTCT 940
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Db 1 TCTCCTCCTCT 12

RESULT 601
BD003364/c 12 bp DNA linear PAT 31-JAN-2002
LOCUS Mammalian and human REC2.
DEFINITION BD003364
ACCESSION BD003364
VERSION BD003364.1 GI:18631325
KEYWORDS JP 2001500729-A/14.
SOURCE Saccharomyces cerevisiae (baker's yeast)
ORGANISM Saccharomyces cerevisiae
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; Saccharomycetaceae; Saccharomycetes.
REFERENCE 1 (bases 1 to 12)
AUTHORS Holloman,W.K., Rice,M.C., Smith,S.T., Shu,Z. and Knie,E.B.
TITLE Mammalian and human REC2
JOURNAL Patent: JP 2001500729-A 14 23-JAN-2001;
THOMAS JEFFERSON UNIVERSITY,CORNELL RESEARCH FOUNDATION INC
COMMENT OS Saccharomyces cerevisiae (Yeast)
PN JP 2001500729-A/14
PD 23-JAN-2001
PF 11-SEP-1997 JP 1998513444
PR 11-SEP-1996 US 60/025929
PI WILLIAM K HOLLOMAN,MICHAEL C RICE,SHERYL T SMITH,ZHIGANG SHU,
PI ERIC B KMEC
PC C12N15/09,A01K67/027,C07K16/40,C12N5/10,C12N9/00,C12Q1/68, PC
C12N15/00,
PC C12N5/00
FH Key
FT source
Location/Qualifiers
1. .12
/organism="Saccharomyces cerevisiae (yeast)".
FEATURES
source
1. .12
/organism="Saccharomyces cerevisiae"
/mol_type="genomic DNA"

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/db_xref="taxon:4932"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 926 TTTTATCCCTCC 937
  ||| ||| ||| |||
Db 12 TTTAATGCCTCC 1

RESULT 602
AR030145 13 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 334 from patent US 5861244.
DEFINITION AR030145
ACCESSION AR030145
VERSION AR030145.1 GI:5943359
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 334 19-JAN-1999;
FEATURES
source
1. .13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 931 TCCCTCCTCTTC 942
  ||| ||| ||| |||
Db 1 TCCCTCTCTTC 12

RESULT 603
AR119104 13 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 4 from patent US 6150095.
DEFINITION AR119104
ACCESSION AR119104
VERSION AR119104.1 GI:14101014
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Southern,E.Mellor., Pritchard,C.Elizabeth. and
Case-Green,S.Charles.
TITLE Method for analyzing a polynucleotide containing a variable
sequence
JOURNAL Patent: US 6150095-A 4 21-NOV-2000;
FEATURES Location/Qualifiers
source
1. .13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 925 CTTTATCCCTCC 936
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Db 1 CTTATTCCTCC 12

RESULT 604
AR174810 13 bp DNA linear PAT 17-DEC-2001
LOCUS Sequence 4 from patent US 6307039.
DEFINITION

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ACCESSION AR174810
VERSION AR174810.1 GI:17915130
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 13)
AUTHORS Southern,E.Mellor., Pritchard,C.Elizabeth. and Case-Green,S.Charles.
TITLE Method for analyzing a polynucleotide containing a variable sequence and a set or array of oligonucleotides therefor
JOURNAL Patent: US 6307039-A 4 23-OCT-2001;
FEATURES
    source
        1..13
        /organism="unknown"
        /mol_type="unassigned DNA"
Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 925 CTTTATCCCTC 936
    ||| |||||
Db 1 CTTATTCCTC 12
RESULT 605
E32293
LOCUS E32293 13 bp DNA linear PAT 18-JUN-2001
DEFINITION Species-specific detection method for trichosporon and novel polynucleotide.
ACCESSION E32293
VERSION E32293.1 GI:13022085
KEYWORDS JP 2000060564-A/61.
SOURCE Trichosporon asteroides
ORGANISM Trichosporon asteroides
REFERENCE 1 (bases 1 to 13)
AUTHORS Takashi,S., Akemi,N. and Takako,S.
TITLE Species-specific detection method for trichosporon and novel polynucleotide
JOURNAL Patent: JP 2000060564-A 61 29-FEB-2000;
COMMENT IATRON LAB INC
OS Trichosporon asteroides
PN JP 2000060564-A/61
PD 29-FEB-2000
PF 24-AUG-1998 JP 1998237060
PR
PI TAKASHI SUGITA,AKEMI NISHIKAWA,TAKAKO SHINODA PC
C12N15/09,C12Q1/04,C12Q1/68//C12N15/09,C12R1:645),C12N15/00,PC
(C12N15/00,C12R1:645)
CC Key Location/Qualifiers
FH source 1..13
FT /organism="Trichosporon asteroides".
FEATURES
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        1..13
        /organism="Trichosporon asteroides"
        /mol_type="genomic DNA"
        /db_xref="taxon:82511"
Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 940 TTCAATGGTTTA 951
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Db 1 TTAATGGCTTA 12
RESULT 606
E32293
LOCUS E32293 13 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 6 from Patent EP 0326423.
ACCESSION I06780
VERSION I06780.1 GI:590099
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 13)
AUTHORS Bumol,T.F., Gadski,R.A., Hamilton,A.E., Sportsman,J.R. and Strnad,J.
TITLE Vectors, compounds and methods for expression of a hum adenocarcinoma antigen
JOURNAL Patent: EP 0326423-A2 6 02-AUG-1989;
FEATURES
    source
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        /organism="unknown"
        /mol_type="unassigned DNA"
Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 919 CTTGCGCTTTA 930
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Db 1 CTGTCCTTCTA 12
RESULT 607
I07132
LOCUS I07132 13 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 25 from Patent EP 0316115.
ACCESSION I07132
VERSION I07132.1 GI:590353
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 13)
AUTHORS Schoner,B.E. and Schoner,R.G.
TITLE Novel vactors and expression sequences for production of polypeptides
JOURNAL Patent: EP 0316115-A2 25 17-MAY-1989;
FEATURES
    source
        1..13
        /organism="unknown"
        /mol_type="unassigned DNA"
Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 919 CTTGCGCTTTA 930
    ||| |||||
Db 1 CTGTCCTTCTA 12
RESULT 608
I07401
LOCUS I07401 13 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 14 from Patent EP 0338767.
ACCESSION I07401
VERSION I07401.1 GI:589926
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 13)
AUTHORS Beavers,L.S., Bumol,T.F., Gadski,R.A. and Weigel,B.J.
TITLE Novel recombinant and chimeric antibodies directed against a human adenocarcinoma antigen
JOURNAL Patent: EP 0338767-A2 14 25-OCT-1989;
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FEATURES             Location/Qualifiers
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                     /organism="unknown"
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Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTTA 930
Db 1 CTGTCCTTCTTA 12

RESULT 609
LOCUS I07587 13 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 5 from Patent EP 0361956.
ACCESSION I07587
VERSION I07587.1 GI:589769
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 13)
AUTHORS Heiung,H.M.
TITLE Increased expression of small molecular weight recombinant proteins
JOURNAL Patent: Ep 0361956-A2 5 04-APR-1990;
FEATURES
     source           1..13
                     /organism="unknown"
                     /mol_type="unassigned DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTTA 930
Db 1 CTGTCCTTCTTA 12

RESULT 610
LOCUS I79843 13 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 9 from patent US 5707866.
ACCESSION I79843
VERSION I79843.1 GI:3208133
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 13)
AUTHORS Brakier-Gingras,L., Melan.cedilla.on,P., Cote,M. and Payant,C.
TITLE DNA oligomers for inhibition of HIV by decreasing ribosomal
frameshifting
JOURNAL Patent: US 5707866-A 9 13-JAN-1998;
FEATURES
     source           1..13
                     /organism="unknown"
                     /mol_type="unassigned DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 904 GTCATTTCTTT 915
Db 2 GTCATTTCTTT 13

RESULT 611
LOCUS AR305534 13 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 2 from patent US 6545162.
ACCESSION AR305534
VERSION AR305534.1 GI:31694943
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 13)
AUTHORS Dervan,P.B. and Baird,E.E.
TITLE Method for the synthesis of pyrrole and imidazole carboxamides on a
solid support
JOURNAL Patent: US 6545162-A 2 08-APR-2003;
FEATURES
     source           1..13
                     /organism="unknown"
                     /mol_type="genomic DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 TCTTTCCTTTT 929
Db 13 TTTTGTCTTTT 2

RESULT 612
LOCUS AR364960 13 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 9 from patent US 5455029.
ACCESSION AR364960
VERSION AR364960.1 GI:34428181
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 13)
AUTHORS Hartman,J.R., Oppenheim,A.B., Gorecki,M., Aviv,H. and Oren,R.
TITLE Therapeutic compositions comprising a mixture of human CuZn
superoxide dismutase analogs
JOURNAL Patent: US 5455029-A 9 03-OCT-1995;
FEATURES
     source           1..13
                     /organism="unknown"
                     /mol_type="genomic DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 955 TATGCTACCAA 966
Db 1 TATGCTACTAA 12

RESULT 613
LOCUS AX164572 13 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 402 from Patent WO0138564.
ACCESSION AX164572
VERSION AX164572.1 GI:14545506
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Rouleau,G.A., Lafreniere,R.G., Rochefort,D., Cossette,P. and
Ragsdale,D.
TITLE Loci for idiopathic generalized epilepsy, mutations thereof and
method using same to assess, diagnose, prognose or treat epilepsy
JOURNAL Patent: WO 0138564-A 402 31-MAY-2001;

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McGill University (CA)		Location/Qualifiers		1. .13		/organism="Homo sapiens"		/mol_type="unassigned DNA"		/db_xref="taxon:9606"		Query Match		Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;		Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;		QY 945 TGGTTTAAGTA 956				Db 1 TGGTGAAGTA 12				RESULT 614		AX164573		LOCUS		AX164573 13 bp DNA linear PAT 22-JUN-2001		DEFINITION		Sequence 403 from Patent W00138564.		ACCESSION		AX164573		VERSION		AX164573.1 GI:14545507		KEYWORDS		Homo sapiens (human)		SOURCE		Homo sapiens		REFERENCE		AUTHORS		Rouleau, G.A., Lafreniere, R.G., Rochefort, D., Cossette, P. and Ragsdale, D.		TITLE		Loci for idiopathic generalized epilepsy, mutations thereof and method using same to assess, diagnose, prognosis or treat epilepsy		JOURNAL		Patent: WO 0138564-A 403 31-MAY-2001; McGill University (CA)		FEATURES		Location/Qualifiers		1. .13		/organism="Homo sapiens"		/mol_type="unassigned DNA"		/db_xref="taxon:9606"		Query Match		Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;		Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;		QY 945 TGGTTTAAGTA 956				Db 1 TGGTAAAGTA 12				RESULT 615		AX571849/c		LOCUS		AX571849 13 bp DNA linear PAT 29-MAY-2003		DEFINITION		Sequence 8 from Patent W002077274.		ACCESSION		AX571849		VERSION		AX571849.1 GI:26003983		KEYWORDS		Homo sapiens (human)		SOURCE		Homo sapiens		REFERENCE		AUTHORS		Blanche, F. and Cameron, B.		TITLE		Methods for purifying and detecting double stranded dna target sequences by triple helix interaction		JOURNAL		Patent: WO 02077274-A 8 03-OCT-2002; Aventis Pharma S.A. (FR)		FEATURES		Location/Qualifiers		1. .13		/organism="Homo sapiens"		/mol_type="unassigned DNA"		/db_xref="taxon:9606"		Query Match		Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;		Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;		QY 931 TCCCTCCTCTTC 942				Db 12 TTCTCCTCTTC 1				RESULT 616		AX752152		LOCUS		AX752152 13 bp DNA linear PAT 20-JUN-2003		DEFINITION		Sequence 4 from Patent EP1308523.		ACCESSION		AX752152		VERSION		AX752152.1 GI:32134258		KEYWORDS		synthetic construct		SOURCE		synthetic construct		ORGANISM		artificial sequences.		REFERENCE		1		AUTHORS		Case-Green, S.C., Pritchard, C.E. and Southern, E.M.		TITLE		Detecting DNA sequence variations		JOURNAL		Patent: EP 1308523-A 4 07-MAY-2003; Oxford Gene Technology IP Limited (GB)		FEATURES		Location/Qualifiers		1. .13		/organism="synthetic construct"		/mol_type="unassigned DNA"		/db_xref="taxon:32630"		/note="Anchoring sequence"		Query Match		12.1%; Score 8.8; DB 1; Length 13;		Best Local Similarity 83.3%; Pred. No. 4e+02;		Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;		QY 925 CTTTATCCCTC 936				Db 1 CTTATTCCTC 12				RESULT 617		ATH520517		LOCUS		ATH520517 13 bp DNA linear PLN 29-MAR-2003		DEFINITION		Arabidopsis thaliana T-DNA flanking sequence, left border, clone 036F07.		ACCESSION		AJ520517		VERSION		AJ520517.1 GI:26788753		KEYWORDS		left border; T-DNA flanking sequence.		SOURCE		Arabidopsis thaliana (thale cress)		ORGANISM		Arabidopsis thaliana		Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.		REFERENCE		1		AUTHORS		Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Sanson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.		TITLE		T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites		JOURNAL		EMBO Rep. 3 (12), 1152-1157 (2002)		MEDLINE		22363535		PUBMED		12446565		REFERENCE		2 (bases 1 to 13)		AUTHORS		Balzerque, S.		TITLE		Direct Submission		JOURNAL		Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE		COMMENT		PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at	
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Best Local Similarity 83.3%; Pred. No. 4e+02;		Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY	931 TCCCTCCTCTTC 942		
Db	12 TTCTTCTCTTC 1		
RESULT 616			
LOCUS	AX752152	13 bp	DNA linear PAT 20-JUN-2003
DEFINITION	Sequence 4 from Patent EP1308523.		
ACCESSION	AX752152		
VERSION	AX752152.1 GI:32134258		
KEYWORDS	synthetic construct		
SOURCE	synthetic construct		
ORGANISM	artificial sequences.		
REFERENCE	1		
AUTHORS	Case-Green, S.C., Pritchard, C.B. and Southern, E.M.		
TITLE	Detecting DNA sequence variations		
JOURNAL	Patent: EP 1308523-A 4 07-MAY-2003;		
	Oxford Gene Technology IP Limited (GB)		
FEATURES	Location/Qualifiers		
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QY	925 CTTTATCCCTC 936		
Db	1 CTTATTCCTC 12		
RESULT 617			
LOCUS	ATH520517	13 bp	DNA linear PLN 29-MAR-2003
DEFINITION	Arabidopsis thaliana T-DNA flanking sequence, left border, clone O36F07.		
ACCESSION	AJ520517		
VERSION	AJ520517.1 GI:26788753		
KEYWORDS	left border; T-DNA flanking sequence.		
SOURCE	Arabidopsis thaliana (thale cress)		
ORGANISM	Arabidopsis thaliana		
	Eukaryota; Viridiplantae; Streptophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosid II; Brassicales; Brassicaceae; Arabidopsis.		
REFERENCE	1		
AUTHORS	Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Becot, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.		
TITLE	T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites		
JOURNAL	EMBO Rep. 3 (12), 1152-1157 (2002)		
MEDLINE	22363535		
PUBMED	12446565		
REFERENCE	2 (bases 1 to 13)		
AUTHORS	Balzerque, S.		
TITLE	Direct Submission		
JOURNAL	Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue		
COMMENT	Gaston Cremieux, 91057 Evry cedex, FRANCE		
	PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at		

<http://dbgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.infobiogen.fr>).

FEATURES

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Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCCTT 922
Db 1 TTTCTGGTCCTT 12

RESULT 618

A15909
LOCUS Beta-1,3-glucanase (G19-9) TCA sequence from stress-induced plant genes
DEFINITION A15909.1 GI:489828
ACCESSION A15909
VERSION A15909.1
SOURCE Hordeum vulgare
ORGANISM Hordeum vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Poideae; Triticeae; Hordeum.
REFERENCE 1 (bases 1 to 10)
AUTHORS
TITLE NOVEL PLANT GENE REGULATORY ELEMENT
JOURNAL
PATENT: WO 9314213-A 1 22-JUL-1993;
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 905 TCATTTCTT 914
Db 1 TCATCTTCTT 10

RESULT 619

A15910
LOCUS Beta-1,3-glucanase (G19-9) TCA sequence from stress-induced plant genes
DEFINITION A15910.1 GI:489829
ACCESSION A15910
VERSION A15910.1
KEYWORDS Hordeum vulgare
SOURCE Hordeum vulgare
ORGANISM Hordeum vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Poideae; Triticeae; Hordeum.
REFERENCE 1 (bases 1 to 10)
AUTHORS
TITLE NOVEL PLANT GENE REGULATORY ELEMENT

JOURNAL Patent: WO 9314213-A 2 22-JUL-1993;
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 905 TCATTTCTT 914
Db 1 TCATCTTCTT 10

RESULT 620

A43121/c
LOCUS Sequence 7 from Patent WO9505481.
DEFINITION A43121
ACCESSION A43121
VERSION A43121.1 GI:2298509
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 10)
AUTHORS Cookson, W.O., Hopkin, J.M. and Shirakawa, T.
TITLE DIAGNOSTIC METHOD AND THERAPY
JOURNAL Patent: WO 9505481-A 7 23-FEB-1995;
ISIS INNOVATION (GB)
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 957 TCGCTACCAA 966
Db 10 TCACTACCAA 1

RESULT 621

A56789
LOCUS Sequence 4 from Patent WO9630493.
DEFINITION A56789
ACCESSION A56789
VERSION A56789.1 GI:4530652
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Grierson, D., Blume, B., Hamilton, A., Holdsworth, M. and Barry, C.
TITLE DNA CONSTRUCTS AND PLANTS INCORPORATING THEM
JOURNAL Patent: WO 9630493-A 4 03-OCT-1996;
ZENECA LTD (GB)
COMMENT Other publication AU 4970196 961016.
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Qy 905 TCATTTCTT 914

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Db      1 TCATCTCTT 10
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 622
AR029879
LOCUS      10 bp      DNA      PAT 29-SEP-1999
DEFINITION Sequence 68 from patent US 5861244.
ACCESSION AR029879
VERSION    AR029879.1 GI:5943093
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 10)
AUTHORS   Wang, C.-G. and Hepburn, A.G.
TITLE     Genetic sequence assay using DNA triple strand formation
JOURNAL   Patent: US 5861244-A 68 19-JAN-1999;
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Query Match      11.5%; Score 8.4; DB 1; Length 10;
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 623
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LOCUS      10 bp      DNA      PAT 29-SEP-1999
DEFINITION Sequence 71 from patent US 5861244.
ACCESSION AR029882
VERSION    AR029882.1 GI:5943096
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 10)
AUTHORS   Wang, C.-G. and Hepburn, A.G.
TITLE     Genetic sequence assay using DNA triple strand formation
JOURNAL   Patent: US 5861244-A 71 19-JAN-1999;
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Db      10 TCCTTCCCTT 1

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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 624
AR078527
LOCUS      10 bp      DNA      PAT 31-AUG-2000
DEFINITION Sequence 13 from patent US 5962670.
ACCESSION AR078527
VERSION    AR078527.1 GI:10005273
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 10)
AUTHORS   Walling, L.L., Pautot, V., Gu, Y.-O. and Chao, W. Shaw.
TITLE     Promoters for enhancing plant productivity

JOURNAL   Patent: US 5962670-A 13 05-OCT-1999;
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Qy      905 TCATTTCCTT 914
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Db      1 TCATCTCTT 10

Query Match      11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      933 CCTCTCTCTTC 942
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Db      1 CATCTCTCTTC 10

Query Match      11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 626
AR124564
LOCUS      10 bp      DNA      PAT 16-MAY-2001
DEFINITION Sequence 10 from patent US 6171864.
ACCESSION AR124564
VERSION    AR124564.1 GI:14109925
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 10)
AUTHORS   Coughlan, S.J. and Winfrey, R.J. Jr.
TITLE     Calreticulin genes and promoter regions and uses thereof
JOURNAL   Patent: US 6171864-A 10 09-JAN-2001;
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Query Match      11.5%; Score 8.4; DB 1; Length 10;
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Qy      905 TCATTTCCTT 914
|||||
Db      1 TCATCTCTT 10

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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 627
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AR124569      ARI24569      10 bp      DNA      linear      PAT 16-MAY-2001
LOCUS
DEFINITION    Sequence 15 from patent US 6171864.
ACCESSION    ARI24569
VERSION      ARI24569.1  GI:14109930
KEYWORDS
SOURCE
ORGANISM      Unknown.
UNCLASSIFIED.
REFERENCE
1 (bases 1 to 10)
AUTHORS      Coughlan,S.J. and Winfrey,R.J. Jr.
TITLE        Calreticulin genes and promoter regions and uses thereof
JOURNAL      Patent: US 6171864-A 15 09-JAN-2001;
FEATURES
Location/Qualifiers
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Query Match      11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      905 TCATTTTCTT 914
      |||||
Db      1 TCATCTTCTT 10

RESULT 628
AR143739
LOCUS
DEFINITION    Sequence 4 from patent US 6204437.
ACCESSION    ARI43739
VERSION      ARI43739.1  GI:15105025
KEYWORDS
SOURCE
ORGANISM      Unknown.
UNCLASSIFIED.
REFERENCE
1 (bases 1 to 10)
AUTHORS      Grierson,D., Blume,B., Hamilton,A., Holdsworth,M. and Barry,C.
TITLE        DNA constructs and plants incorporating them
JOURNAL      Patent: US 6204437-A 4 20-MAR-2001;
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Qy      905 TCATTTTCTT 914
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Db      1 TCATCTTCTT 10

RESULT 629
BD238938/c
LOCUS
DEFINITION    Preparation and use of superior vaccines.
ACCESSION    BD238938
VERSION      BD238938.1  GI:33048708
KEYWORDS      JP 2002534056-A/356
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS      Roberts,B.L. and Shankara,S.
TITLE        Preparation and use of superior vaccines
JOURNAL      Patent: JP 2002534056-A 356 15-OCT-2002;
COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/356

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PD      15-OCT-2002
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08-DEC-1998 US 60/111715
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PC      C12N1/19,
PC      C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
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Qy      928 TTATCCCTCC 937
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Db      10 TGATCCCTCC 1

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DEFINITION    Preparation and use of superior vaccines.
ACCESSION    BD238988
VERSION      BD238988.1  GI:33048758
KEYWORDS      JP 2002534056-A/406
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS      Roberts,B.L. and Shankara,S.
TITLE        Preparation and use of superior vaccines
JOURNAL      Patent: JP 2002534056-A 406 15-OCT-2002;
COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/406
PD      15-OCT-2002
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PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
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Db |||||
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BD239008
LOCUS 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239008
VERSION BD239008.1 GI:33048778
KEYWORDS JP 2002534056-A/426.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 426 15-OCT-2002;
GENZYME CORP
COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/426
PD 15-OCT-2002
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PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
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PC C12N15/00,C12N5/00,C12N15/00
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QY 936 CCTTTCATT 945
Db |||||
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RESULT 632
BD239120/c
LOCUS 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239120
VERSION BD239120.1 GI:33048890
KEYWORDS JP 2002534056-A/538.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 538 15-OCT-2002;
GENZYME CORP
COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/538
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
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RESULT 632
BD239120/c
LOCUS 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239120
VERSION BD239120.1 GI:33048890
KEYWORDS JP 2002534056-A/538.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 538 15-OCT-2002;
GENZYME CORP
COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/538
PD 15-OCT-2002
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DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239385
VERSION   BD239385.1 GI:33049155
KEYWORDS  JP 2002534056-A/803.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
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          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE     Preparation and use of superior vaccines
JOURNAL   Patent: JP 2002534056-A 803 15-OCT-2002;
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COMMENT   OS Homo sapiens (human)
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DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239466
VERSION   BD239466.1 GI:33049236
KEYWORDS  JP 2002534056-A/884.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
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REFERENCE
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE     Preparation and use of superior vaccines
JOURNAL   Patent: JP 2002534056-A 935 15-OCT-2002;
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COMMENT   OS Homo sapiens (human)
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DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239517
VERSION   BD239517.1 GI:33049287
KEYWORDS  JP 2002534056-A/935.
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ORGANISM  Homo sapiens
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REFERENCE
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE     Preparation and use of superior vaccines
JOURNAL   Patent: JP 2002534056-A 935 15-OCT-2002;
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COMMENT   OS Homo sapiens (human)
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QY 924 CCTTTATCC 933
DB 1 CCTTTATCC 10

RESULT 636
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DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239700
VERSION BD239700.1 GI:33049470
KEYWORDS JP 2002534056-A/1118.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1118 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1118
PD 15-OCT-2002
PF 19-JUN-1998 JP 2000554749
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LOCUS BD239835 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239835
VERSION BD239835.1 GI:33049605
KEYWORDS JP 2002534056-A/1253.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1253 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1253
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DB 10 CTCCTCTTCA 1

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DEFINITION Preparation and use of superior vaccines.
ACCESSION  BD240081
VERSION    BD240081.1 GI:33049851
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SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 10)
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE    Preparation and use of superior vaccines
JOURNAL  Patent: JP 2002534056-A 1499 15-OCT-2002;
GENZYME CORP
COMMENT    OS Homo sapiens (human)
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
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QY 918 TCTTGGCTT 927
DB 10 TCTTGGCTT 1

RESULT 639
BD240153
LOCUS      BD240153      10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION  BD240153
VERSION    BD240153.1 GI:33049923
KEYWORDS  JP 2002534056-A/1571.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 10)
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE    Preparation and use of superior vaccines
JOURNAL  Patent: JP 2002534056-A 1571 15-OCT-2002;
GENZYME CORP
COMMENT    OS Homo sapiens (human)
          PN JP 2002534056-A/1571
          PD 15-OCT-2002
          PF 18-JUN-1999 JP 2000554749
          PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
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          19-JUN-1998 US 60/089999,19-JUN-1998 US 60/090036 PR
          19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090043 PR
          19-JUN-1998 US 60/090044,19-JUN-1998 US 60/089844 PR
          19-JUN-1998 US 60/090080,19-JUN-1998 US 60/089833 PR
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          08-DEC-1998 US 60/111715
          PI BRUCE L ROBERTS,SRINIVAS SHANKARA
          PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
          C12N1/19, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
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          CC Preparation and use of superior vaccines
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            /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
DB 1 TTTAATGTAT 10

RESULT 640
BD240199/c
LOCUS      BD240199      10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION  BD240199
VERSION    BD240199.1 GI:33049969
KEYWORDS  JP 2002534056-A/1617.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 10)
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE    Preparation and use of superior vaccines
JOURNAL  Patent: JP 2002534056-A 1617 15-OCT-2002;

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COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/1617
PD 15-OCT-2002
PR 18-JUN-1998 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
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PR 19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090079 PR
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PR 19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR
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PR 19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
PR 08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N1/19, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
C12N1/21, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
G01N37/00,
PC C12N15/00, C12N5/00, C12N15/00
CC Preparation and use of superior vaccines
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FT Location/Qualifiers
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Query Match 11.5%; Score 8.4; DB 1; Length 10;
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTCTCTTG 916
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Db 10 ATTGCTTGG 1

RESULT 641
BD240201
LOCUS BD240201 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD240201
VERSION BD240201.1 GI:33049971
KEYWORDS JP 2002534056-A/1619.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1619 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1619
PD 15-OCT-2002
PR 18-JUN-1998 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
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PR 19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR
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PR 19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
PR 08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N1/19, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
C12N1/21, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
G01N37/00,
PC C12N15/00, C12N5/00, C12N15/00
CC Preparation and use of superior vaccines
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FT Location/Qualifiers
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QY 907 ATTCTCTTG 916
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Db 10 ATTGCTTGG 1

RESULT 642
BD240256
LOCUS BD240256 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD240256
VERSION BD240256.1 GI:33050026
KEYWORDS JP 2002534056-A/1674.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1674 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1674
PD 15-OCT-2002
PR 18-JUN-1998 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
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PR 08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N1/19, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
C12N1/21, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
G01N37/00,
PC C12N15/00, C12N5/00, C12N15/00
CC Preparation and use of superior vaccines
FH Key Location/Qualifiers
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FT Location/Qualifiers
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
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QY 911 TCTTTGGTCT 920
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Db 1 TCTTTGGCCT 10

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CC Preparation and use of superior vaccines
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Qy 915 TGGTCTTGC 924

Db 1 TGGTCTTGC 10

RESULT 643

BD240400

LOCUS BD240400 10 bp DNA linear PAT 17-JUL-2003
 DEFINITION Preparation and use of superior vaccines.

ACCESSION BD240400

VERSION BD240400.1 GI:33050170

KEYWORDS JP 2002534056-A/1818.

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 (bases 1 to 10)

ROBERTS,B.L. and Shankara,S.

Preparation and use of superior vaccines

Patent: JP 2002534056-A 1818 15-OCT-2002;

JOURNAL

GENZYME CORP

OS Homo sapiens (human)

PN JP 2002534056-A/1818

PD 15-OCT-2002

PF 18-JUN-1999 JP 2000554749

PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR

19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR

19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090079 PR

19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR

19-JUN-1998 US 60/089992,19-JUN-1998 US 60/090072 PR

19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR

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19-JUN-1998 US 60/090078,19-JUN-1998 US 60/090047 PR

19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR

08-DEC-1998 US 60/111715

PI BRUCE L ROBERTS,SRINIVAS SHANKARA

PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC

C12N1/19

PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC

GOIN37/00,

PC C12N15/00,C12N5/00,C12N15/00

CC Preparation and use of superior vaccines

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Qy 955 TATCGCTACC 964

Db 1 TATAGCTACC 10

RESULT 644

BD262926

LOCUS BD262926

DEFINITION A method for analyzing polynucleotides.

ACCESSION BD262926

VERSION BD262926.1 GI:33072694

KEYWORDS JP 2002525129-A/7.

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 10)

Jr,V.P.S., Wolfe,J.L., Kawate,T. and Verdine,G.

A method for analyzing polynucleotides

Patent: JP 2002525129-A 7 13-AUG-2002;

JOURNAL VARIAGENICS INC

COMMENT OS Artificial Sequence

PN JP 2002525129-A/7

PD 13-AUG-2002

PF 30-SEP-1999 JP 2000572414

PR 01-OCT-1998 US 60/102724,17-AUG-1999 US 60/149533 PR

10-SEP-1999 US 09/394387,10-SEP-1999 US 09/394457 PR

10-SEP-1999 US 09/394467,10-SEP-1999 US 09/394774 PI

VINCENT P STANTON JR,JIA LIU WOLFE,TOMOHICO KAWATE,GREGORY PI

VERDINE

PC C12N15/09,C07H19/04,C07H19/10,C07H19/20,C12N9/12,C12P19/34, PC

C12Q1/69,

CC G01N27/62,C12N15/00

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Location/Qualifiers

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/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
 Best Local Similarity 90.0%; Pred. No. 3.9e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 929 TATCCCTCCT 938

Db 1 TATCCCTCCT 10

RESULT 645

E39702

LOCUS E39702

DEFINITION Genes with human dendritic cell expression.

ACCESSION E39702

VERSION E39702.1 GI:18621793

KEYWORDS JP 2000279181-A/235.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 10)

Hashimoto,S., Matsushima,K. and Suzuki,T.

Genes with human dendritic cell expression

Patent: JP 2000279181-A 235 10-OCT-2000;

JOURNAL SCIENCE & TECH AGENCY

OS Homo sapiens (human)

PN JP 2000279181-A/235

PD 10-OCT-2000

PF 01-APR-1999 JP 1999095481

PR

PI SHINICHI HASHIMOTO,KOJI MATSUSHIMA,TAKUJI SUZUKI PC
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Query Match 11.5%; Score 8.4; DB 1; Length 10;
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 925 CTTTATCC 934

Db 1 CTTTATCC 10

RESULT 646

E54712

LOCUS

E54712 Human normal liver cell expression genes.

E54712.1 GI:22556195

VERSION JP 2001211883-A/64.

KEYWORDS Homo sapiens (human)

SOURCE Homo sapiens

ORGANISM

Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 10)

AUTHORS Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.

TITLE Human normal liver cell expression genes

JOURNAL Patent: JP 2001211883-A 64 07-AUG-2001;

SCIENCE & TECH AGENCY

COMMENT OS Homo sapiens (human)

PN JP 2001211883-A/64

PD 07-AUG-2001

PI 31-JAN-2000 JP 2000023170

PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,SHUICHI KANEKO,TARO PI

YAMASHITA

PC C12N15/09,C07K16/18,C12P21/02,C12N15/00

CC

FH Key Location/Qualifiers.

FEATURES

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/db_xref="taxon:9606"

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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCTTTGG 917

Db 1 TTTCTTTGG 10

RESULT 647

I84353

LOCUS

I84353 Sequence 11 from patent US 5695932.

I84353.1 GI:3021873

VERSION 184353.1

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 10)

AUTHORS West,M.D., Shay,J., Wright,W., Blackburn,E.H. and McEachern,M.J.

Telomerase activity assays for diagnosing pathogenic infections
Patent: US 5695932-A 11 09-DEC-1997;
Location/Qualifiers

FEATURES

source

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/organism="unknown"

/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 941 TCATTGGTTT 950

Db 1 TCATTGGTTT 10

RESULT 648

AR204561

LOCUS

AR204561 Sequence 11 from patent US 6368789.

AR204561.1 GI:21501919

ACCESSION AR204561

VERSION AR204561.1

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 10)

AUTHORS West,M.D., Shay,J., Wright,W. and Blackburn,E.H.

TITLE Screening methods to identify inhibitors of telomerase activity

JOURNAL Patent: US 6368789-A 11 09-APR-2002;

JOURNAL Location/Qualifiers

FEATURES

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/organism="unknown"

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Query Match 11.5%; Score 8.4; DB 1; Length 10;
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QY 941 TCATTGGTTT 950

Db 1 TCATTGGTTT 10

RESULT 649

AR222951

LOCUS

AR222951 Sequence 4 from patent US 6432640.

AR222951.1 GI:23330789

ACCESSION AR222951

VERSION AR222951.1

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 10)

AUTHORS Polyak,K., Vogelstein,B. and Kinzler,K.W.

TITLE P53-induced apoptosis

JOURNAL Patent: US 6432640-A 4 13-AUG-2002;

JOURNAL Location/Qualifiers

FEATURES

source

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/organism="unknown"

/mol_type="genomic DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCTCTCTTT 941

Db 1 CCTCTCTTT 10

RESULT 650

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AR224206 LOCUS AR224206 10 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 7 from patent US 6440705.
ACCESSION AR224206
VERSION AR224206.1 GI:23332950
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 10)
AUTHORS Stanton,V.P. Jr., Wolfe,J.L., Kawate,T. and Verdine,G.L.
TITLE Method for analyzing polynucleotides
JOURNAL Patent: US 6440705-A 7 27-AUG-2002;
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Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 929 TATCCCTCCT 938
Db 1 TATTCCTCCT 10

RESULT 653
AR266766 LOCUS AR266766 10 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 129 from patent US 6495336.
ACCESSION AR266766
VERSION AR266766.1 GI:29695839
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 10)
AUTHORS Ludin,C., Wikstroem,P., Svendsen,L.G. and Schulze,A.
TITLE Oligopeptide derivatives for the electrochemical measurement of
protease activity
JOURNAL Patent: US 6495336-A 129 17-DEC-2002;
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/mol_type="genomic DNA"
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTT 914
Db 1 TCATTTCCTT 10

RESULT 654
AR269057 LOCUS AR269057 10 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 7 from patent US 6500650.
ACCESSION AR269057
VERSION AR269057.1 GI:29699896
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 10)
AUTHORS Stanton,V.P. Jr., Wolfe,J.L., Kawate,T., Verdine,G.L. and Olson,J.
TITLE Method for identifying polymorphisms
JOURNAL Patent: US 6500650-A 7 31-DEC-2002;
FEATURES
source
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/mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 929 TATCCCTCCT 938
Db 1 TATTCCTCCT 10

RESULT 655
AR282626 LOCUS AR282626 10 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 22 from patent US 6521747.

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ACCESSION AR282626
VERSION AR282626.1 GI:29719224
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Anastasio,A.E., Finkel,K., Koshy,B. and Lee,H.
TITLE Haplotypes of the AGTR1 gene
JOURNAL Patent: US 6521747-A 22 18-FEB-2003;
FEATURES
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        Location/Qualifiers
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                /organism="unknown"
                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 902 TGGTCATTTT 911
Db 10 TGCTCATTTT 1
RESULT 656
AR322140
LOCUS AR322140
DEFINITION Sequence 7 from patent US 6566059.
ACCESSION AR322140
VERSION AR322140.1 GI:33707684
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Stanton,V.P. Jr., Wolfe,J.L. and Verdine,G.L.
TITLE Method for analyzing polynucleotides
JOURNAL Patent: US 6566059-A 7 20-MAY-2003;
FEATURES
    source
        Location/Qualifiers
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                /organism="unknown"
                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 929 TATCCCTCCT 938
Db 1 TATTCCTCCT 10
RESULT 657
AR344956
LOCUS AR344956
DEFINITION Sequence 7 from patent US 6582923.
ACCESSION AR344956
VERSION AR344956.1 GI:33741097
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Stanton,V.P. Jr., Wolfe,J.L., Kawate,T. and Verdine,G.L.
TITLE Method for analyzing polynucleotides
JOURNAL Patent: US 6582923-A 7 24-JUN-2003;
FEATURES
    source
        Location/Qualifiers
            1..10
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                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 929 TATCCCTCCT 938
Db 1 TATTCCTCCT 10
RESULT 658
AR351850
LOCUS AR351850
DEFINITION Sequence 1659 from patent US 6588746.
ACCESSION AR351850
VERSION AR351850.1 GI:33753646
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Dobrindt,D. and Fischer,U.
TITLE Device for generating an offset of transported flexible sheet material
JOURNAL Patent: US 6588746-A 1659 08-JUL-2003;
FEATURES
    source
        Location/Qualifiers
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                /organism="unknown"
                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 933 CCTCCTCTTC 942
Db 10 CATCCTCTTC 1
RESULT 659
AR351854
LOCUS AR351854
DEFINITION Sequence 1663 from patent US 6588746.
ACCESSION AR351854
VERSION AR351854.1 GI:33753650
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Dobrindt,D. and Fischer,U.
TITLE Device for generating an offset of transported flexible sheet material
JOURNAL Patent: US 6588746-A 1663 08-JUL-2003;
FEATURES
    source
        Location/Qualifiers
            1..10
                /organism="unknown"
                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 933 CCTCCTCTTC 942
Db 10 CATCCTCTTC 1
RESULT 660
AX008571
LOCUS AX008571
DEFINITION Sequence 8 from Patent WO9966057.
ACCESSION AX008571
VERSION AX008571.1 GI:9996121
KEYWORDS
SOURCE Hordeum vulgare
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ORGANISM   Hordeum vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Triticeae; Hordeum.
REFERENCE 1
AUTHORS   Draper, J., Kenton, P. and Paul, W.
TITLE     Inducible promoters
JOURNAL   Patent: WO 9966057-A 8 23-DEC-1999;
          DRAPER JOHN (GB); KENTON PAUL (GB); BIOGENMA UK LTD (GB); PAUL
          WYATT (GB)
FEATURES   Location/Qualifiers
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              /organism="Hordeum vulgare"
              /mol_type="unassigned DNA"
              /db_xref="taxon:4513"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 905 TCATTTCCTT 914
    |||||
Db 1 TCATTTCCTT 10

RESULT 661
AX113012/c
LOCUS     AX113012 10 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 59 from Patent WO0127267.
ACCESSION AX113012
VERSION   AX113012.1 GI:13939447
KEYWORDS
SOURCE   Mus sp.
ORGANISM Mus sp.
REFERENCE 1
AUTHORS   Adams, E., Waldmann, H., Cobbold, S. and Zelenika, D.
TITLE     Genes differentially expressed in tr1 cells and their use in the
JOURNAL   manufacture of immunoregulatory compositions
          Patent: WO 0127267-A 59 19-APR-2001;
          ISIS INNOVATION LIMITED (GB)
FEATURES   Location/Qualifiers
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              /organism="Mus sp."
              /mol_type="unassigned DNA"
              /db_xref="taxon:10095"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGG 917
    |||||
Db 10 TTTTCTTTGG 1

RESULT 662
AX113017
LOCUS     AX113017 10 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 64 from Patent WO0127267.
ACCESSION AX113017
VERSION   AX113017.1 GI:13939452
KEYWORDS
SOURCE   Mus sp.
ORGANISM Mus sp.
REFERENCE 1
AUTHORS   Adams, E., Waldmann, H., Cobbold, S. and Zelenika, D.
TITLE     Genes differentially expressed in tr1 cells and their use in the
JOURNAL   manufacture of immunoregulatory compositions
          Patent: WO 0127267-A 64 19-APR-2001;
          ISIS INNOVATION LIMITED (GB)

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ISIS INNOVATION LIMITED (GB)
FEATURES   Location/Qualifiers
            source
              1..10
              /organism="Mus sp."
              /mol_type="unassigned DNA"
              /db_xref="taxon:10095"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 946 GGTTAATGT 955
    |||||
Db 1 GGTTAATGT 10

RESULT 663
AX152664/c
LOCUS     AX152664 10 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 579 from Patent WO0138577.
ACCESSION AX152664
VERSION   AX152664.1 GI:14534315
KEYWORDS
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS   Veiculescu, V.E., Vogelstein, B. and Kinzler, K.W.
TITLE     Human transcriptomes
JOURNAL   Patent: WO 0138577-A 579 31-MAY-2001;
          The Johns Hopkins University (US)
FEATURES   Location/Qualifiers
            source
              1..10
              /organism="Homo sapiens"
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              /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 928 TTATCCCTCC 937
    |||||
Db 10 TGATCCCTCC 1

RESULT 664
AX301537/c
LOCUS     AX301537 10 bp DNA linear PAT 30-NOV-2001
DEFINITION Sequence 251 from Patent WO0185941.
ACCESSION AX301537
VERSION   AX301537.1 GI:17382620
KEYWORDS
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS   Versteeg, R. and Caron, H.N.
TITLE     MYC targets
JOURNAL   Patent: WO 0185941-A 251 15-NOV-2001;
          Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
FEATURES   Location/Qualifiers
            source
              1..10
              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 947 GTTATGCTA 956
Db 10 GTTATGCTA 1

RESULT 665
AX301641/c
LOCUS AX301641 10 bp DNA linear PAT 30-NOV-2001
DEFINITION Sequence 355 from Patent WO0185941.
ACCESSION AX301641
VERSION AX301641.1 GI:17382724
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE Versteeg,R. and Caron,H.N.
AUTHORS
TITLE Myc targets
JOURNAL Patent: WO 0185941-A 355 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
FEATURES
source
1..10
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTT 914
Db 10 TCATTTCTT 1

RESULT 666
AX362606/c
LOCUS AX362606 10 bp DNA linear PAT 15-FEB-2002
DEFINITION Sequence 40 from Patent WO0208425.
ACCESSION AX362606
VERSION AX362606.1 GI:18694750
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE Finkel,K. and Koshy,B.
AUTHORS
TITLE Haplotypes of the adrb3 gene
JOURNAL Patent: WO 0208425-A 40 31-JAN-2002;
Genaisance Pharmaceuticals, Inc. (US)
FEATURES
source
1..10
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 TTAATGTATC 958
Db 10 TTAATGTATC 1

RESULT 667
AX391459/c
LOCUS AX391459 10 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 22 from Patent EP1184456.
ACCESSION AX391459
VERSION AX391459.1 GI:19700069

KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE Anaestasio,A.E., Koshy,B., Finkel,K. and Lee,H.H.
AUTHORS
TITLE Haplotypes of the agtrl gene
JOURNAL Patent: EP 1184456-A 22 08-MAR-2002;
Genaisance Pharmaceuticals, Inc. (US)
FEATURES
source
1..10
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGGTCATTTT 911
Db 10 TGGTCATTTT 1

RESULT 668
AX668210/c
LOCUS AX668210 10 bp DNA linear PAT 26-MAR-2003
DEFINITION Sequence 1659 from Patent WO0242459.
ACCESSION AX668210
VERSION AX668210.1 GI:29291489
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1
REFERENCE Liu,Q.
AUTHORS
TITLE Position dependent recognition of gmn nucleotide triplets by zinc
fingers
JOURNAL Patent: WO 0242459-A 1659 30-MAY-2002;
Sangamo Biosciences Inc. (US)
FEATURES
source
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="example target DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CTCCTCTCTC 942
Db 10 CTCCTCTCTC 1

RESULT 669
AX668214/c
LOCUS AX668214 10 bp DNA linear PAT 26-MAR-2003
DEFINITION Sequence 1663 from Patent WO0242459.
ACCESSION AX668214
VERSION AX668214.1 GI:29291493
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1
REFERENCE Liu,Q.
AUTHORS
TITLE Position dependent recognition of gmn nucleotide triplets by zinc
fingers
JOURNAL Patent: WO 0242459-A 1663 30-MAY-2002;
Sangamo Biosciences Inc. (US)

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FEATURES             Location/Qualifiers
source               1..10
                    /organism="synthetic construct"
                    /mol_type="unassigned DNA"
                    /db_xref="taxon:32630"
                    /note="example target DNA"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 10;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCTCTTC 942
Db 10 CATCTCTTC 1

RESULT 670
BD065211/c
LOCUS             10 bp DNA linear PAT 27-AUG-2002
DEFINITION       Characterization of the yeast transcriptome.
ACCESSION        BD065211
VERSION          BD065211.1 GI:22610814
KEYWORDS         JP 2001509017-A/147,
SOURCE           Saccharomyces cerevisiae (baker's yeast)
ORGANISM         Saccharomyces cerevisiae
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; Saccharomycetaceae; Saccharomycetes.
REFERENCE
AUTHORS         Velculescu,V.E., Vogelstein,B. and Kinzler,K.W.
TITLE           Characterization of the yeast transcriptome
JOURNAL         Patent: JP 2001509017-A 147 10-JUL-2001;
                THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
COMMENT         OS Saccharomyces cerevisiae (yeast)
                PN JP 2001509017-A/147
                PD 10-JUL-2001
                PF 22-JAN-1998 JP 1998532117
                PR 23-JAN-1997 US 60/035917
                PI VICTOR E VELCULESCU,BERT VOGELSTEIN,KENNETH W KINZLER PC
                C12N15/10,C12N15/31,C07K14/395,C12Q1/68,C12Q1/02 CC
                Characterization of the yeast transcriptome
                FH Key Location/Qualifiers
                FT source 1..10
                /organism="Saccharomyces cerevisiae"

FEATURES             Location/Qualifiers
source               1..10
                    /organism="Saccharomyces cerevisiae"
                    /mol_type="genomic DNA"
                    /db_xref="taxon:4932"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 10;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCTTTG 916
Db 1 ATTTATTTG 10

RESULT 672
BD083272
LOCUS             10 bp DNA linear PAT 27-AUG-2002
DEFINITION       Human matured/activated dendritic cell expression genes.
ACCESSION        BD083272
VERSION          BD083272.1 GI:22628882
KEYWORDS         JP 2001327293-A/193.
SOURCE           Homo sapiens (human)
ORGANISM         Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS         Matsushima,K., Hashimoto,S., Suzuki,T. and Negai,S.
TITLE           Human matured/activated dendritic cell expression genes
JOURNAL         Patent: JP 2001327293-A 193 27-NOV-2001;
                JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT         OS Homo sapiens (human)
                PN JP 2001327293-A/193
                PD 27-NOV-2001
                PF 22-MAY-2000 JP 2000150562
                PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,TAKUJI SUZUKI,SHIGENORI
                NAGAI

FEATURES             Location/Qualifiers
source               1..10
                    /organism="Homo sapiens"
                    /mol_type="genomic DNA"
                    /db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 10;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 915 TGGTCTTTG 924
Db 1 TGGTCTTTG 10

RESULT 673
BD091126
LOCUS             10 bp DNA linear PAT 27-AUG-2002
DEFINITION       P53-induced apoptosis.
ACCESSION        BD091126
VERSION          BD091126.1 GI:22636736

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KEYWORDS      JP 2001523441-A/4.
SOURCE        Homo sapiens (human)
ORGANISM      Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1 (bases 1 to 10)
AUTHORS      Vogelstein,B., Kinzler,K.W. and Polyak,K.
TITLE        P53-induced apoptosis
JOURNAL      Patent: JP 2001523441-A 4 27-NOV-2001;
              THE JOHNS HOPKINS UNIVERSITY
COMMENT      OS Homo sapiens (human)
              PN JP 2001523441-A/4
              PD 27-NOV-2001
              PF 17-SEP-1998 JP 2000511894
              PR 17-SEP-1997 US 60/059153,30-MAR-1998 US 60/079817 PI
              BRT VOGELSTEIN,KENNETH W KINZLER,KORNELIA POLYAK PC
              C1201/68,C07K16/32,C12P21/08//C12N15/09,C12N15/00 CC P53-induced
              apoptosis
              FH Key Location/Qualifiers
              FT source 1..10
              FT 1 Location/Qualifiers
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                  /organism="Homo sapiens (human)".
                  /organism="Homo sapiens"
                  /mol_type="genomic DNA"
                  /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCTCTCTCTT 941
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Db 1 CCGCGCTCTT 10

RESULT 674
BD166725/c
LOCUS      Human liver disease-expressing genes.
DEFINITION
ACCESSION  BD166725
VERSION     BD166725.1 GI:27872537
KEYWORDS   JP 2002209591-A/270.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
TITLE      Human liver disease-expressing genes
JOURNAL    Patent: JP 2002209591-A 270 30-JUL-2002;
              JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT     OS Homo sapiens (human)
              PN JP 2002209591-A/270
              PD 30-JUL-2002
              PF 19-JAN-2001 JP 2001012328
              PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,SHUICHI KANEKO,TARO PI
              YAMASHITA
              PC C12N15/09,C07K14/47,C07K16/18,G01N33/15,G01N33/50//C12P21/02,
              PC C12P21/08,
              PC C12N15/00
              CC Human liver disease-expressing genes
              FH Key Location/Qualifiers
              FT source 1..10
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                  /organism="unidentified"
                  /mol_type="genomic DNA"
                  /db_xref="taxon:32644"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
   ||||| |||
Db 1 TTTTCTTTGG 10

RESULT 675
BD166917/c
LOCUS      Human liver disease-expressing genes.
DEFINITION
ACCESSION  BD166917
VERSION     BD166917.1 GI:27872729
KEYWORDS   JP 2002209591-A/462.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
TITLE      Human liver disease-expressing genes
JOURNAL    Patent: JP 2002209591-A 462 30-JUL-2002;
              JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT     OS Homo sapiens (human)
              PN JP 2002209591-A/462
              PD 30-JUL-2002
              PF 19-JAN-2001 JP 2001012328
              PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,SHUICHI KANEKO,TARO PI
              YAMASHITA
              PC C12N15/09,C07K14/47,C07K16/18,G01N33/15,G01N33/50//C12P21/02,
              PC C12P21/08,
              PC C12N15/00
              CC Human liver disease-expressing genes
              FH Key Location/Qualifiers
              FT source 1..10
              FT 1 Location/Qualifiers
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                  /organism="unidentified"
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                  /db_xref="taxon:32644"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTG 916
   ||||| |||
Db 10 ATTTATTTTG 1

RESULT 676
BD166756
LOCUS      Human liver disease-expressing genes.
DEFINITION
ACCESSION  BD166756
VERSION     BD166756.1 GI:27872568
KEYWORDS   JP 2002209591-A/301.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
TITLE      Human liver disease-expressing genes
JOURNAL    Patent: JP 2002209591-A 301 30-JUL-2002;
              JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT     OS Homo sapiens (human)
              PN JP 2002209591-A/301
              PD 30-JUL-2002
              PF 19-JAN-2001 JP 2001012328
              PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,SHUICHI KANEKO,TARO PI
              YAMASHITA
              PC C12N15/09,C07K14/47,C07K16/18,G01N33/15,G01N33/50//C12P21/02,
              PC C12P21/08,
              PC C12N15/00
              CC Human liver disease-expressing genes
              FH Key Location/Qualifiers
              FT source 1..10
              FT 1 Location/Qualifiers
                  1..10
                  /organism="Homo sapiens (human)".
                  /organism="unidentified"
                  /mol_type="genomic DNA"
                  /db_xref="taxon:32644"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
   ||||| |||
Db 1 TTTTCTTTGG 10

RESULT 676
BD166917/c
LOCUS      Human liver disease-expressing genes.
DEFINITION
ACCESSION  BD166917
VERSION     BD166917.1 GI:27872729
KEYWORDS   JP 2002209591-A/462.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
TITLE      Human liver disease-expressing genes
JOURNAL    Patent: JP 2002209591-A 462 30-JUL-2002;
              JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT     OS Homo sapiens (human)
              PN JP 2002209591-A/462
              PD 30-JUL-2002
              PF 19-JAN-2001 JP 2001012328
              PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,SHUICHI KANEKO,TARO PI
              YAMASHITA
              PC C12N15/09,C07K14/47,C07K16/18,G01N33/15,G01N33/50//C12P21/02,
              PC C12P21/08,
              PC C12N15/00
              CC Human liver disease-expressing genes
              FH Key Location/Qualifiers
              FT source 1..10
              FT 1 Location/Qualifiers
                  1..10
                  /organism="unidentified"
                  /mol_type="genomic DNA"
                  /db_xref="taxon:32644"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTG 916
   ||||| |||
Db 10 ATTTATTTTG 1
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CC Human liver disease-expressing genes
 FH Key Location/Qualifiers
 FT source 1..10
 FT /organism='Homo sapiens (human)'.
 FEATURES
 source Location/Qualifiers
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 /mol_type='genomic DNA'
 /db_xref='taxon:32644'

Query Match 11.5%; Score 8.4; DB 1; Length 10;
 Best Local Similarity 90.0%; Pred. No. 3.9e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCCTTGG 916
 |||||
 Db 10 ATTTATTG 1

RESULT 677
 BD166956 10 bp DNA linear PAT 17-JAN-2003
 LOCUS Human liver disease-expressing genes.
 DEFINITION Human liver disease-expressing genes.
 ACCESSION BD166956
 VERSION BD166956.1 GI:27872768
 KEYWORDS JP 2002209591-A/501.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 10)
 AUTHORS Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
 TITLE Human liver disease-expressing genes
 JOURNAL Patent: JP 2002209591-A 501 30-JUL-2002;
 JAPAN SCIENCE AND TECHNOLOGY CORP
 COMMENT OS Homo sapiens (human)
 PN JP 2002209591-A/501
 PD 30-JUL-2002
 PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
 YAMASHITA

PC C12N15/09,C07K14/47,C07K16/18,G01N33/15,G01N33/50//C12P21/02,
 PC C12P21/08,
 PC C12N15/00
 CC Human liver disease-expressing genes
 FH Key Location/Qualifiers
 FT source 1..10
 FT /organism='Homo sapiens (human)'.
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Query Match 11.5%; Score 8.4; DB 1; Length 10;
 Best Local Similarity 90.0%; Pred. No. 3.9e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTGG 917
 |||||
 Db 1 TTTTCTCTG 10

RESULT 678
 BD167130 10 bp DNA linear PAT 17-JAN-2003
 LOCUS Human liver disease-expressing genes.
 DEFINITION Human liver disease-expressing genes.
 ACCESSION BD167130
 VERSION BD167130.1 GI:27872942
 KEYWORDS JP 2002209591-A/675.
 SOURCE unidentified
 ORGANISM unclassified.
 REFERENCE 1 (bases 1 to 10)

AUTHORS Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
 TITLE Human liver disease-expressing genes
 JOURNAL Patent: JP 2002209591-A 675 30-JUL-2002;
 JAPAN SCIENCE AND TECHNOLOGY CORP
 COMMENT OS Homo sapiens (human)
 PN JP 2002209591-A/675
 PD 30-JUL-2002
 PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
 YAMASHITA
 PC C12N15/09,C07K14/47,C07K16/18,G01N33/15,G01N33/50//C12P21/02,
 PC C12P21/08,
 PC C12N15/00
 CC Human liver disease-expressing genes
 FH Key Location/Qualifiers
 FT source 1..10
 FT /organism='Homo sapiens (human)'.
 FEATURES
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 /organism='unidentified'
 /mol_type='genomic DNA'
 /db_xref='taxon:32644'

Query Match 11.5%; Score 8.4; DB 1; Length 10;
 Best Local Similarity 90.0%; Pred. No. 3.9e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTGG 917
 |||||
 Db 1 TTTTCTCTG 10

RESULT 679
 A46920/c 11 bp DNA linear PAT 07-MAR-1997
 LOCUS Sequence 4 from Patent WO9528500.
 DEFINITION A46920
 ACCESSION A46920
 VERSION A46920.1 GI:2300949
 KEYWORDS
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 11)
 AUTHORS Fouchier,R.A. and Schuitemaker,J.
 TITLE NUCLEIC ACIDS AND METHODS FOR THE DISCRIMINATION BETWEEN SYNCYTIIUM
 INDUCING AND NON SYNCYTIIUM INDUCING VARIANTS OF THE HUMAN
 IMMUNODEFICIENCY VIRUS
 JOURNAL Patent: WO 9528500-A 4 26-OCT-1995;
 STICHTING CENTRAAL LAB (NL)
 COMMENT Other publication AU 2150095 951110.
 FEATURES
 source Location/Qualifiers
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 /organism='unidentified'
 /mol_type='unassigned DNA'
 /db_xref='taxon:32644'

Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 905 TCATTTCCTT 914
 |||||
 Db 11 TCATTTCCTT 2

RESULT 680
 A49097/c 11 bp DNA linear PAT 07-MAR-1997
 LOCUS Sequence 13 from Patent WO9606171.
 DEFINITION A49097
 ACCESSION A49097
 VERSION A49097.1 GI:2302653
 KEYWORDS
 SOURCE unidentified

ORGANISM unidentified
REFERENCE 1 (bases 1 to 11)
AUTHORS Delecluse, A. and Thierry, I.
TITLE NEW POLYPEPTIDES HAVING A TOXIC ACTIVITY AGAINST INSECTS OF THE
DIPTERA FAMILY
JOURNAL Patent: WO 9606171-A 13 29-FEB-1996;
COMMENT PASTEUR INSTITUT (FR)
FEATURES Other publication FR 2723961 960301.
source 1. .11
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32844"
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RBS

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 932 CCTCTCTCTT 941
|||||
Db 11 CCTCTCTCTT 2

RESULT 681
LOCUS AR029875 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 64 from patent US 5861244.
ACCESSION AR029875
VERSION AR029875.1 GI:5943089
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 64 19-JAN-1999;
FEATURES Location/Qualifiers
source 1. .11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTGCGCTTTT 929
|||||
Db 2 TTGCGCTTT 11

RESULT 682
LOCUS AR029910 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 99 from patent US 5861244.
ACCESSION AR029910
VERSION AR029910.1 GI:5943124
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 99 19-JAN-1999;
FEATURES Location/Qualifiers
source 1. .11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTGCGCTTTT 929
|||||
Db 2 TTGCGCTTT 11

RESULT 683
LOCUS AR029932 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 121 from patent US 5861244.
ACCESSION AR029932
VERSION AR029932.1 GI:5943146
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 121 19-JAN-1999;
FEATURES Location/Qualifiers
source 1. .11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCCTCTCTT 940
|||||
Db 2 TCCCTCTCTT 11

RESULT 684
LOCUS AR030246/c 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 57 from patent US 5861246.
ACCESSION AR030246
VERSION AR030246.1 GI:5943460
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Weissman, S.M., Rallur, G.N. and Kulkarni, P.
TITLE Multiple selection process for binding sites of DNA-binding
proteins
JOURNAL Patent: US 5861246-A 57 19-JAN-1999;
FEATURES Location/Qualifiers
source 1. .11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 925 CTTTATCCCC 934
|||||
Db 10 CGTTTATCCC 1

RESULT 685
LOCUS AR091412 11 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 2 from patent US 594109.
ACCESSION AR091412
VERSION AR091412.1 GI:10018167
KEYWORDS
SOURCE Unknown.

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ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 11)
AUTHORS      Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
TITLE        Nucleic acid transporter system and methods of use
JOURNAL      Patent: US 5994109-A 2 30-NOV-1999;
FEATURES      Location/Qualifiers
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               1..11
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      931 TCCCTCCTCT 940
Db      2 TTCTCCTCT 11

RESULT 686
LOCUS      AR091426      11 bp      DNA      linear      PAT 07-SEP-2000
DEFINITION Sequence 16 from patent US 5994109.
ACCESSION  AR091426
VERSION     AR091426.1 GI:10018181
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
TITLE        Nucleic acid transporter system and methods of use
JOURNAL      Patent: US 5994109-A 16 30-NOV-1999;
FEATURES      Location/Qualifiers
               source
               1..11
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      931 TCCCTCCTCT 940
Db      2 TTCTCCTCT 11

RESULT 687
LOCUS      AR097609/c      11 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 15 from patent US 6071877.
ACCESSION  AR097609
VERSION     AR097609.1 GI:12806339
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Delecluse,A. and Thierry,I.
TITLE        Polypeptides having a toxic activity against insects of the
JOURNAL      Patent: US 6071877-A 15 06-JUN-2000;
FEATURES      Location/Qualifiers
               source
               1..11
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      932 CCCTCCTCTT 941

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Db      11 CCCTCCTCTT 2

RESULT 688
LOCUS      AR125617      11 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 2 from patent US 6177554.
ACCESSION  AR125617
VERSION     AR125617.1 GI:14111679
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
TITLE        Nucleic acid transporter systems
JOURNAL      Patent: US 6177554-A 2 23-JAN-2001;
FEATURES      Location/Qualifiers
               source
               1..11
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      931 TCCCTCCTCT 940
Db      2 TTCTCCTCT 11

RESULT 689
LOCUS      AR125631      11 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 16 from patent US 6177554.
ACCESSION  AR125631
VERSION     AR125631.1 GI:14111693
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
TITLE        Nucleic acid transporter systems
JOURNAL      Patent: US 6177554-A 16 23-JAN-2001;
FEATURES      Location/Qualifiers
               source
               1..11
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      931 TCCCTCCTCT 940
Db      2 TTCTCCTCT 11

RESULT 690
LOCUS      I03845      11 bp      DNA      linear      PAT 02-DEC-1994
DEFINITION Sequence 2 from Patent EP 0068693.
ACCESSION  I03845
VERSION     I03845.1 GI:591984
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Kleid,D.G. and Yansura,D.G.
TITLE        Production of foot and mouth disease vaccine from microbially

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expressed antigens
Patent: EP 0068693-A2 2 05-JAN-1983;
Location/Qualifiers
1. .11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CTTCTCTTC 11

RESULT 691
I03848
LOCUS I03848 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 5 from Patent EP 0068693.
ACCESSION I03848
VERSION I03848.1 GI:591987
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 11)
AUTHORS Kleid,D.G. and Yansura,D.G.
TITLE Production of foot and mouth disease vaccine from microbially
expressed antigens
JOURNAL Patent: EP 0068693-A2 5 05-JAN-1983;
FEATURES Location/Qualifiers
1. .11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CTTCTCTTC 11

RESULT 692
I03851
LOCUS I03851 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 8 from Patent EP 0068693.
ACCESSION I03851
VERSION I03851.1 GI:591990
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 11)
AUTHORS Kleid,D.G. and Yansura,D.G.
TITLE Production of foot and mouth disease vaccine from microbially
expressed antigens
JOURNAL Patent: EP 0068693-A2 8 05-JAN-1983;
FEATURES Location/Qualifiers
1. .11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CTTCTCTTC 11

RESULT 693
I03852
LOCUS I03852 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 10 from Patent EP 0068693.
ACCESSION I03852
VERSION I03852.1 GI:591991
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 11)
AUTHORS Kleid,D.G. and Yansura,D.G.
TITLE Production of foot and mouth disease vaccine from microbially
expressed antigens
JOURNAL Patent: EP 0068693-A2 11 05-JAN-1983;
FEATURES Location/Qualifiers
1. .11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CTTCTCTTC 11

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/organism="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
|||||
11 TTTCATCCCT 2

RESULT 696
I38547
LOCUS      11 bp      DNA      linear      PAT 13-MAY-1997
DEFINITION Sequence 27 from patent US 5614398.
ACCESSION  I38547
VERSION     I38547.1 GI:2084601
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   O'Brochta,D., Warren,W. and Atkinson,P.
TITLE     Gene transfer system for insects
JOURNAL   Patent: US 5614398-A 27 25-MAR-1997;
FEATURES   Location/Qualifiers
            source
            1. .11
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
|||||
11 TTTCATCCCT 10

RESULT 697
I38549
LOCUS      11 bp      DNA      linear      PAT 13-MAY-1997
DEFINITION Sequence 29 from patent US 5614398.
ACCESSION  I38549
VERSION     I38549.1 GI:2084603
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   O'Brochta,D., Warren,W. and Atkinson,P.
TITLE     Gene transfer system for insects
JOURNAL   Patent: US 5614398-A 29 25-MAR-1997;
FEATURES   Location/Qualifiers
            source
            1. .11
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
|||||
11 TTTCATCCCT 10

RESULT 698
I58630/c
LOCUS      11 bp      DNA      linear      PAT 07-OCT-1997
DEFINITION Sequence 16 from patent US 5652210.
ACCESSION  I58630

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I58630.1 GI:2477868
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   Barr,P.J., Shapiro,J.P. and Kiefer,M.C.
TITLE     Soluble splice variant of the Fas (APO-1) antigen, Fas.DELTA.TM
JOURNAL   Patent: US 5652210-A 16 29-JUL-1997;
FEATURES   Location/Qualifiers
            source
            1. .11
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 930 ATCCTCCTC 939
|||||
10 ATCCTCCTC 1

RESULT 699
I63528/c
LOCUS      11 bp      DNA      linear      PAT 07-OCT-1997
DEFINITION Sequence 16 from patent US 5663070.
ACCESSION  I63528
VERSION     I63528.1 GI:2481101
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   Barr,P.J., Shapiro,J.P. and Kiefer,M.C.
TITLE     Recombinant production of a soluble splice variant of the Fas
            (Apo-1) antigen, fas TM
JOURNAL   Patent: US 5663070-A 16 02-SEP-1997;
FEATURES   Location/Qualifiers
            source
            1. .11
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 930 ATCCTCCTC 939
|||||
10 ATCCTCCTC 1

RESULT 700
AR207570/c
LOCUS      11 bp      DNA      linear      PAT 20-JUN-2002
DEFINITION Sequence 4 from patent US 6379881.
ACCESSION  AR207570
VERSION     AR207570.1 GI:21507358
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   Fouchier,R.,Adrianus, and Schuitemaker,J.
TITLE     Nucleic acids and methods for the discrimination between syncytium
            inducing and non syncytium inducing variants of the human
            immunodeficiency virus
JOURNAL   Patent: US 6379881-A 4 30-APR-2002;
FEATURES   Location/Qualifiers
            source
            1. .11
            /organism="unknown"
            /mol_type="unassigned DNA"

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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCT 914
DB 11 TCATTTCCT 2

RESULT 701
AR266648
LOCUS AR266648 11 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 1 from patent US 6495320.
ACCESSION AR266648
VERSION AR266648.1 GI:29695712
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 11)
AUTHORS Lockhart,D.J., Lai,C.-Q. and Gunderson,K.L.
TITLE Even length proportional amplification of nucleic acids
JOURNAL Patent: US 6495320-A 1 17-DEC-2002;
FEATURES
source 1..11
/organism="unknown"
/mol_type="genomic DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 931 TCCTCTCTCT 940
DB 2 TCCTCTCTCT 11

RESULT 702
AR364706/c
LOCUS AR364706 11 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 1 from patent US 5422251.
ACCESSION AR364706
VERSION AR364706.1 GI:34427641
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 11)
AUTHORS Fresco,J.R.
TITLE Triple-stranded nucleic acids
JOURNAL Patent: US 5422251-A 1 06-JUN-1995;
FEATURES
source 1..11
/organism="unknown"
/mol_type="genomic DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCTCTCTC 942
DB 10 CCTCTCTCTC 1

RESULT 703
AX393082/c
LOCUS AX393082 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 12 from Patent WO0210217.
ACCESSION AX393082
VERSION AX393082.1 GI:19701132
KEYWORDS
SOURCE Homo sapiens (human)

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTC 912
DB 11 GGTCAATTC 2

RESULT 705
AX393234/c
LOCUS AX393234 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 164 from Patent WO0210217.
ACCESSION AX393234
VERSION AX393234.1 GI:19701284
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 164 07-FEB-2002;
FEATURES
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 925 CTTTATCCC 934
DB 10 CTTTATCCC 1

RESULT 704
AX393201/c
LOCUS AX393201 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 131 from Patent WO0210217.
ACCESSION AX393201
VERSION AX393201.1 GI:19701251
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 131 07-FEB-2002;
FEATURES
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTC 912
DB 11 GGTCAATTC 2

RESULT 705
AX393234/c
LOCUS AX393234 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 164 from Patent WO0210217.
ACCESSION AX393234
VERSION AX393234.1 GI:19701284
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 164 07-FEB-2002;
FEATURES
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTC 912
DB 11 GGTCAATTC 2

RESULT 705
AX393234/c
LOCUS AX393234 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 164 from Patent WO0210217.
ACCESSION AX393234
VERSION AX393234.1 GI:19701284
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 164 07-FEB-2002;
FEATURES
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 919 CTTTGCCTTT 928
|||
Db 11 CTGTCCTTT 2

RESULT 706
AX470425/c

LOCUS AX470425 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 2 from Patent WO02053773.
ACCESSION AX470425
VERSION AX470425.1 GI:22205550
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Hofmann, K., Conrad, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 2 11-JUL-2002;
HENKEL KGAA (DE)

FEATURES
source
1. .11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
|||
Db 10 TTTAATGTTT 1

RESULT 707
AX470495/c

LOCUS AX470495 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 72 from Patent WO02053773.
ACCESSION AX470495
VERSION AX470495.1 GI:22205620
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Hofmann, K., Conrad, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 72 11-JUL-2002;
HENKEL KGAA (DE)

FEATURES
source
1. .11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 TTTGCCTTTT 929
|||
Db 11 TTTGCCTTTT 2

RESULT 708
AX470514
LOCUS AX470514 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 91 from Patent WO02053773.
ACCESSION AX470514
VERSION AX470514.1 GI:22205639
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Hofmann, K., Conrad, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 91 11-JUL-2002;
HENKEL KGAA (DE)

FEATURES
source
1. .11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCTTTGG 917
|||
Db 2 TTGCTTTGG 11

RESULT 709
AX470551/c

LOCUS AX470551 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 128 from Patent WO02053773.
ACCESSION AX470551
VERSION AX470551.1 GI:22205676
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Hofmann, K., Conrad, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 128 11-JUL-2002;
HENKEL KGAA (DE)

FEATURES
source
1. .11
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 901 CTGCTCATTT 910
|||
Db 11 CTGCTCATTT 2

RESULT 710
AX470586/c

LOCUS AX470586 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 163 from Patent WO02053773.
ACCESSION AX470586
VERSION AX470586.1 GI:22205711
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;


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Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 163 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source Location/Qualifiers
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
Db 10 TTTTTCCT 1

RESULT 711
AX470593/c
LOCUS AX470593 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 170 from Patent WO02053773.
ACCESSION AX470593
VERSION AX470593.1 GI:22205718
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 170 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source Location/Qualifiers
1. .11
/organism="Homo sapiens"
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 906 CATTTCCTTT 915
Db 10 CACTTTCCTT 1

RESULT 712
AX470627/c
LOCUS AX470627 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 204 from Patent WO02053773.
ACCESSION AX470627
VERSION AX470627.1 GI:22205752
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 204 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
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1. .11
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 353 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source Location/Qualifiers
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 925 CTTTATCCCT 934
Db 10 CTTTATCCCT 1

RESULT 714
AX470874/c
LOCUS AX470874 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 451 from Patent WO02053773.
ACCESSION AX470874
VERSION AX470874.1 GI:22205999
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 451 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source Location/Qualifiers
1. .11
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/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
Db 10 TTTAATGTAT 1

RESULT 715

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AX470961/c
 LOCUS AX470961 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 538 from Patent WO02053773.
 ACCESSION AX470961
 VERSION AX470961.1 GI:22206086
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 538 11-JUL-2002;
 HENKEL KGAA (DE)
 FEATURES
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 /db_xref="taxon:9606"
 Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 906 CATTTTCTTT 915
 Db 11 CATTTTGT 2
 RESULT 716
 AX471036 11 bp DNA linear PAT 09-AUG-2002
 LOCUS AX471036 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 613 from Patent WO02053773.
 ACCESSION AX471036
 VERSION AX471036.1 GI:22206161
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 613 11-JUL-2002;
 HENKEL KGAA (DE)
 FEATURES
 source Location/Qualifiers
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 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 905 TCATTTTCTT 914
 Db 2 TCATTTTCTT 11
 RESULT 717
 AX471173 11 bp DNA linear PAT 09-AUG-2002
 LOCUS AX471173 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 750 from Patent WO02053773.
 ACCESSION AX471173
 VERSION AX471173.1 GI:22206298
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1

AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 750 11-JUL-2002;
 HENKEL KGAA (DE)
 - FEATURES
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 1. .11
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 /mol_type="unassigned DNA"
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 Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 919 CTTTGCCTTT 928
 Db 2 CTTTGTCTTT 11
 RESULT 718
 AX471239/c 11 bp DNA linear PAT 09-AUG-2002
 LOCUS AX471239 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 816 from Patent WO02053773.
 ACCESSION AX471239
 VERSION AX471239.1 GI:22206364
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 816 11-JUL-2002;
 HENKEL KGAA (DE)
 FEATURES
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 1. .11
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 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"
 Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 928 TTATCCCTCC 937
 Db 10 TGATCCCTCC 1
 RESULT 719
 AX471444 11 bp DNA linear PAT 09-AUG-2002
 LOCUS AX471444 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 1021 from Patent WO02053773.
 ACCESSION AX471444
 VERSION AX471444.1 GI:22206569
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 1021 11-JUL-2002;
 HENKEL KGAA (DE)
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 Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 928 TTATCCCTCC 937
 Db 10 TGATCCCTCC 1


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JOURNAL      Patent: WO 02053774-A 281 11-JUL-2002;
FEATURES      Henkel Kommanditgesellschaft auf Aktien (DE)
SOURCE        Location/Qualifiers
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              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      927 TTTATCCCTC 936
Db      1 TTTATCCCTC 10

RESULT 725
AX623350/c
LOCUS      AX623350          11 bp      DNA          linear      PAT 21-FEB-2003
DEFINITION Sequence 391 from Patent WO02053774.
ACCESSION  AX623350
VERSION     AX623350.1 GI:28451291
KEYWORDS    .
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 391 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES     Location/Qualifiers
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              1..11
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              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      906 CATTTTCTTT 915
Db      11 CATTTATTT 2

RESULT 726
AX623620/c
LOCUS      AX623620          11 bp      DNA          linear      PAT 21-FEB-2003
DEFINITION Sequence 661 from Patent WO02053774.
ACCESSION  AX623620
VERSION     AX623620.1 GI:28451561
KEYWORDS    .
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 661 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES     Location/Qualifiers
            source
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              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      906 CATTTTCTTT 915
Db      11 CATTTATTT 2

RESULT 726
AX623620/c
LOCUS      AX623620          11 bp      DNA          linear      PAT 21-FEB-2003
DEFINITION Sequence 661 from Patent WO02053774.
ACCESSION  AX623620
VERSION     AX623620.1 GI:28451561
KEYWORDS    .
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 661 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES     Location/Qualifiers
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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      906 CATTTTCTTT 914
Db      10 TCATTTCCTT 1

RESULT 729
AX623873/c
LOCUS      AX623873          11 bp      DNA          linear      PAT 21-FEB-2003
DEFINITION Sequence 914 from Patent WO02053774.
ACCESSION  AX623873

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VERSION
KEYWORDS
SOURCE
ORGANISM
  Homo sapiens (human)
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS
  Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
  Method for determining homeostasis of the skin
JOURNAL
  Patent: WO 02053774-A 914 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
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  QY 903 GGTCAATTC 912
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  Db 11 GGTCAATTC 2

RESULT 730
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DEFINITION
  Sequence 1236 from Patent WO02053774.
ACCESSION
  AX624195
VERSION
  AX624195.1 GI:28452136
KEYWORDS
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SOURCE
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS
  Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
  Method for determining homeostasis of the skin
JOURNAL
  Patent: WO 02053774-A 1236 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
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  QY 920 TTTCCTTTT 929
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  Db 1 TTTCCTTTT 10

RESULT 731
AX624505
LOCUS
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DEFINITION
  Sequence 1546 from Patent WO02053774.
ACCESSION
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VERSION
  AX624505.1 GI:28452446
KEYWORDS
  Homo sapiens (human)
SOURCE
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS
  Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
  Method for determining homeostasis of the skin
JOURNAL
  Patent: WO 02053774-A 1546 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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  Query Match
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    Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
  QY 919 CTTTCCTTTT 928
    |||||
  Db 2 CTTTCCTTTT 11

RESULT 732
AX624561
LOCUS
  AX624561
DEFINITION
  Sequence 1602 from Patent WO02053774.
ACCESSION
  AX624561
VERSION
  AX624561.1 GI:28452502
KEYWORDS
  Homo sapiens (human)
SOURCE
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS
  Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
  Method for determining homeostasis of the skin
JOURNAL
  Patent: WO 02053774-A 1602 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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  QY 900 CTTGCTATT 909
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  Db 2 CTTGCTATT 11

RESULT 733
AX624664
LOCUS
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DEFINITION
  Sequence 1705 from Patent WO02053774.
ACCESSION
  AX624664
VERSION
  AX624664.1 GI:28452605
KEYWORDS
  Homo sapiens (human)
SOURCE
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS
  Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
  Method for determining homeostasis of the skin
JOURNAL
  Patent: WO 02053774-A 1705 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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QY 920 TTTCCTCTTT 929
DB 2 TTTCCTTTT 11

RESULT 739
AX625195/c
LOCUS AX625195 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 2236 from Patent WO02053774.
ACCESSION AX625195
VERSION AX625195.1 GI:28453136
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 2236 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCTCTTC 942
DB 10 CCTCTCTTC 1

RESULT 740
AX625204
LOCUS AX625204 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 2245 from Patent WO02053774.
ACCESSION AX625204
VERSION AX625204.1 GI:28453145
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 2245 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTT 914
DB 2 TCATTTCTT 11

/organism="Homo sapiens"
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Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 TTTCCTCTTT 929
DB 2 TTTCCTTTT 11

RESULT 741
AX625434/c
LOCUS AX625434 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 2475 from Patent WO02053774.
ACCESSION AX625434
VERSION AX625434.1 GI:28453375
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 2475 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
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1. .11
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Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 919 CTTCCTCTTT 928
DB 11 CTTCCTCTTT 2

RESULT 742
AX625439/c
LOCUS AX625439 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 2480 from Patent WO02053774.
ACCESSION AX625439
VERSION AX625439.1 GI:28453380
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 2480 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCCTTGG 917
DB 11 TTTTCCTTGG 2

RESULT 743
AX625739/c
LOCUS AX625739 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 2780 from Patent WO02053774.
ACCESSION AX625739
VERSION AX625739.1 GI:28453680
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 2780 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
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Query Match
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCCTCCTCT 940
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Db 10 TCCCTCCACT 1

RESULT 744
AX625853/c
LOCUS
AX625853
DEFINITION
Sequence 2894 from Patent WO02053774.
ACCESSION
AX625853
VERSION
AX625853.1 GI:28453891
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 2894 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
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Query Match
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 921 TTGCCTTTA 930
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Db 11 TTGCATTTA 2

RESULT 745
AX625946/c
LOCUS
AX625946
DEFINITION
Sequence 2987 from Patent WO02053774.
ACCESSION
AX625946
VERSION
AX625946.1 GI:28453984
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 2987 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Location/Qualifiers
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/db_xref="taxon:9606"

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Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
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Qy 906 CATTTCTTT 915
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Db 11 CATTTGTTT 2

RESULT 746
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LOCUS
AX626046
DEFINITION
Sequence 3087 from Patent WO02053774.
ACCESSION
AX626046
VERSION
AX626046.1 GI:28454084
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 3087 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCT 920
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Db 1 TCTTTCGTCT 10

RESULT 747
AX626090
LOCUS
AX626090
DEFINITION
Sequence 3131 from Patent WO02053774.
ACCESSION
AX626090
VERSION
AX626090.1 GI:28454128
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 3131 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
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Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCTCTTTC 942
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Db 1 CCTCTCTGC 10

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RESULT 748
AX626097      AX626097      11 bp      DNA      linear      PAT 21-FEB-2003
LOCUS
DEFINITION    Sequence 3138 from Patent WO02053774.
ACCESSION    AX626097
VERSION      AX626097.1 GI:28454135
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 3138 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
Query Match   11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      942 CATTGGTTA 951
Db      2 CATTGGTTA 11
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RESULT 749
AX626325      AX626325      11 bp      DNA      linear      PAT 21-FEB-2003
LOCUS
DEFINITION    Sequence 3366 from Patent WO02053774.
ACCESSION    AX626325
VERSION      AX626325.1 GI:28454363
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 3366 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
Query Match   11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      902 TGGTCATTTT 911
Db      2 TTGTCATTTT 11
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RESULT 750
AX626384/c    AX626384      11 bp      DNA      linear      PAT 21-FEB-2003
LOCUS
DEFINITION    Sequence 3425 from Patent WO02053774.
ACCESSION    AX626384
VERSION      AX626384.1 GI:28454422
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

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REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 3425 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match   11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      933 CCTCCTCTTTC 942
Db      11 CCTCCTCTGTC 2
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RESULT 751
AX626518      AX626518      11 bp      DNA      linear      PAT 21-FEB-2003
LOCUS
DEFINITION    Sequence 3559 from Patent WO02053774.
ACCESSION    AX626518
VERSION      AX626518.1 GI:28454556
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 3559 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match   11.5%; Score 8.4; DB 1; Length 11;
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QY      906 CATTTCCTTT 915
Db      1 CATTTCATTT 10
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RESULT 752
AX626672/c    AX626672      11 bp      DNA      linear      PAT 21-FEB-2003
LOCUS
DEFINITION    Sequence 3713 from Patent WO02053774.
ACCESSION    AX626672
VERSION      AX626672.1 GI:28454710
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 3713 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      906 CATTTCCTTT 915
Db      1 CATTTCATTT 10
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
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Qy 909 TTTCTTTGGT 918
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 Db 11 TTTTCTTGGT 2

RESULT 753
 AX626739/c
 LOCUS
 DEFINITION Sequence 3780 from Patent WO02053774. PAT 21-FEB-2003
 ACCESSION AX626739
 VERSION AX626739.1 GI:28454777
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 3780 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTC 942
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 Db 10 CCTCCTCTTC 1

RESULT 754
 AX626768/c
 LOCUS
 DEFINITION Sequence 3809 from Patent WO02053774. PAT 21-FEB-2003
 ACCESSION AX626768
 VERSION AX626768.1 GI:28454806
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 3809 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Qy 916 GGTCTTGGCC 925
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 Db 10 GGTCTTGGCC 1

RESULT 755
 AX626775/c

LOCUS
 AX626775
 DEFINITION Sequence 3816 from Patent WO02053774. PAT 21-FEB-2003
 ACCESSION AX626775
 VERSION AX626775.1 GI:28454813
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 3816 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 909 TTTCTTTGGT 918
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 Db 11 TTTCTTTGGT 2

RESULT 756
 AX626792
 LOCUS
 DEFINITION Sequence 3833 from Patent WO02053774. PAT 21-FEB-2003
 ACCESSION AX626792
 VERSION AX626792.1 GI:28454830
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 3833 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
 Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 905 TCATTTTCTT 914
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 Db 1 TCATTTTCTT 10

RESULT 757
 AX626855/c
 LOCUS
 DEFINITION Sequence 3896 from Patent WO02053774. PAT 21-FEB-2003
 ACCESSION AX626855
 VERSION AX626855.1 GI:28454893
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.

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TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3896 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
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               /mol_type="unassigned DNA"
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Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
DB 10 TTTTTCCT 1

RESULT 758
AX626863/c
LOCUS      AX626863
DEFINITION Sequence 3904 from Patent WO02053774.
ACCESSION AX626863
VERSION    AX626863.1 GI:28454901
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
           Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS    Petersohn,D., Conradt,M. and Hofmann,K.
TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3904 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
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               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 TTTATCCCTC 936
DB 10 TTTTCCCTC 1

RESULT 759
AX626871
LOCUS      AX626871
DEFINITION Sequence 3912 from Patent WO02053774.
ACCESSION AX626871
VERSION    AX626871.1 GI:28454909
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
           Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS    Petersohn,D., Conradt,M. and Hofmann,K.
TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3912 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
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               /mol_type="unassigned DNA"
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Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 929 TTTGCTCTTT 929
DB 11 TTTGCTCTT 2

RESULT 762
AX627018
LOCUS      AX627018
DEFINITION Sequence 4059 from Patent WO02053774.

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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CCTGCTCATT 909
DB 2 CCTGCTCATT 11

RESULT 760
AX626895
LOCUS      AX626895
DEFINITION Sequence 3936 from Patent WO02053774.
ACCESSION AX626895
VERSION    AX626895.1 GI:28454933
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
           Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS    Petersohn,D., Conradt,M. and Hofmann,K.
TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3936 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
           source
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               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 TTAATGATATC 958
DB 2 TTAATGAATC 11

RESULT 761
AX626923/c
LOCUS      AX626923
DEFINITION Sequence 3964 from Patent WO02053774.
ACCESSION AX626923
VERSION    AX626923.1 GI:28454961
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
           Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS    Petersohn,D., Conradt,M. and Hofmann,K.
TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3964 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
           source
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               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 TTTGCTCTTT 929
DB 11 TTTGCTCTT 2

RESULT 762
AX627018
LOCUS      AX627018
DEFINITION Sequence 4059 from Patent WO02053774.

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ACCESSION AX627018
VERSION AX627018.1 GI:28455056
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4059 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
LOCATION/Qualifiers
source 1..11
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCCTTGG 916
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Db 2 ATTACTTTG 11

RESULT 763
AX627095/c
LOCUS AX627095 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4136 from Patent WO02053774.
ACCESSION AX627095
VERSION AX627095.1 GI:28455133
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4136 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
LOCATION/Qualifiers
source 1..11
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 910 TTCTTTGGTC 919
|||||
Db 10 TTCTTTGATC 1

RESULT 764
AX627143/c
LOCUS AX627143 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4184 from Patent WO02053774.
ACCESSION AX627143
VERSION AX627143.1 GI:28455181
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4184 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
LOCATION/Qualifiers
source 1..11
/mol_type="unassigned DNA"
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FEATURES
LOCATION/Qualifiers
source 1..11
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/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 912 CTTTGGTCTT 921
|||||
Db 11 CTTTGTCTT 2

RESULT 765
AX627247/c
LOCUS AX627247 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4288 from Patent WO02053774.
ACCESSION AX627247
VERSION AX627247.1 GI:28455285
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4288 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
LOCATION/Qualifiers
source 1..11
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 909 TTCTTTGGT 918
|||||
Db 10 TTCTTTGGT 1

RESULT 766
AX627308
LOCUS AX627308 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4349 from Patent WO02053774.
ACCESSION AX627308
VERSION AX627308.1 GI:28455346
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4349 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
LOCATION/Qualifiers
source 1..11
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 909 TTCTTTGGT 918
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Db 10 TTCTTTGGT 1

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QY 909 TTCTTTGGT 918
Db 1 TTTCTTAGT 10

RESULT 767
AX627525 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 4566 from Patent WO02053774.
ACCESSION AX627525
VERSION AX627525.1 GI:28455563
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4566 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 944 TTGGTTTAAT 953
Db 2 TTGGTTTAAT 11

RESULT 768
AX627553/c
LOCUS
DEFINITION Sequence 4594 from Patent WO02053774.
ACCESSION AX627553
VERSION AX627553.1 GI:28455591
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4594 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
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/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 TTGGTCTTT 922
Db 10 TTGGTCTTT 1

RESULT 769
AX627611/c
LOCUS
DEFINITION Sequence 4652 from Patent WO02053774.
ACCESSION AX627611
VERSION AX627611.1 GI:28455649

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KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4652 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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1. .11
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
Db 11 TTTAATTTAT 2

RESULT 770
AX627751/c
LOCUS
DEFINITION Sequence 4792 from Patent WO02053774.
ACCESSION AX627751
VERSION AX627751.1 GI:28455789
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 4792 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 906 CATTTCCTTT 915
Db 10 CATTTCCTTT 1

RESULT 771
AX628114/c
LOCUS
DEFINITION Sequence 5155 from Patent WO02053774.
ACCESSION AX628114
VERSION AX628114.1 GI:28456152
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 5155 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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source      1. .11
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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 TTGTCCTTT 929
    |||||
Db 11 TTGTCATTT 2

RESULT 772
AX628150      11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5191 from Patent WO02053774.
ACCESSION AX628150
VERSION AX628150.1 GI:28456188
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5191 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source      1. .11
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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 TGGTCTTTC 924
    |||||
Db 1 TGTCTTTTC 10

RESULT 773
AX628162      11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5203 from Patent WO02053774.
ACCESSION AX628162
VERSION AX628162.1 GI:28456200
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5203 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source      1. .11
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            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 937 CTCCTTCATTG 946
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Db 2 CTGTTCAATTG 11

RESULT 774
AX628235/c
LOCUS
DEFINITION Sequence 5276 from Patent WO02053774.
ACCESSION AX628235
VERSION AX628235.1 GI:28456273
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5276 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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            /mol_type="unassigned DNA"
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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 944 TTGGTTTAAT 953
    |||||
Db 11 TTGGTTGAAT 2

RESULT 775
AX628920/c
LOCUS
DEFINITION Sequence 5961 from Patent WO02053774.
ACCESSION AX628920
VERSION AX628920.1 GI:28456958
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5961 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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source      1. .11
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            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGAT 957
    |||||
Db 11 TTTGATGAT 2

RESULT 776
AX628925/c
LOCUS
DEFINITION Sequence 5966 from Patent WO02053774.
ACCESSION AX628925
VERSION AX628925.1 GI:28456963
KEYWORDS
SOURCE Homo sapiens (human)

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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5966 11-JUL-2002; (DE)
FEATURES
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                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
Db 10 TTATTGTAT 1

RESULT 777
AX629020
LOCUS AX629020 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6061 from Patent WO02053774.
ACCESSION AX629020
VERSION AX629020.1 GI:28457058
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6061 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
    Location/Qualifiers
        source
            1..11
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
Db 2 TTTTGTTTGG 11

RESULT 778
AX629021/c
LOCUS AX629021 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6062 from Patent WO02053774.
ACCESSION AX629021
VERSION AX629021.1 GI:28457059
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6062 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 919 CTTTGCCCTTT 928
Db 11 CTTTGCAATT 2

RESULT 779
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LOCUS AX629302 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6343 from Patent WO02053774.
ACCESSION AX629302
VERSION AX629302.1 GI:28457340
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6343 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 908 TTTTCTTTGG 917
Db 2 TTGCTTTGG 11

RESULT 780
AX629312
LOCUS AX629312 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6353 from Patent WO02053774.
ACCESSION AX629312
VERSION AX629312.1 GI:28457350
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6353 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGGTCTTTG 923
Db 1 TTGTTCTTTG 10

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RESULT 781
AX629441/c
LOCUS AX629441 linear 11 bp DNA PAT 21-FEB-2003
DEFINITION Sequence 6482 from Patent WO02053774.
ACCESSION AX629441
VERSION AX629441.1 GI:28457479
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6482 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 933 CCTCCTCTTC 942
Db 11 CCTTCTCTTC 2
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QY 933 CCTCCTCTTC 942
Db 11 CCTTCTCTTC 2
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LOCUS AX629553 linear 11 bp DNA PAT 21-FEB-2003
DEFINITION Sequence 6594 from Patent WO02053774.
ACCESSION AX629553
VERSION AX629553.1 GI:28457591
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6594 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 928 TTATCCCTCC 937
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Db 10 TGATCCCTCC 1
RESULT 783
AX629768/c
LOCUS AX629768 linear 11 bp DNA PAT 21-FEB-2003
DEFINITION Sequence 6809 from Patent WO02053774.
ACCESSION AX629768
VERSION AX629768.1 GI:28457806
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6809 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 907 ATTTCTTTTG 916
Db 10 ATTTCTTTTG 1
RESULT 784
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LOCUS AX629961 linear 11 bp DNA PAT 21-FEB-2003
DEFINITION Sequence 7002 from Patent WO02053774.
ACCESSION AX629961
VERSION AX629961.1 GI:28457999
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 7002 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Db 10 TTTTCTTTTG 1
RESULT 785
AX630061
LOCUS AX630061 linear 11 bp DNA PAT 21-FEB-2003
DEFINITION Sequence 7102 from Patent WO02053774.
ACCESSION AX630061
VERSION AX630061.1 GI:28458099
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 7102 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Qy 943 ATTGGTTTAA 952
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Db 1 ATTGGCTTAA 10

RESULT 786
AX630240/c
LOCUS AX630240 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 7281 from Patent WO02053774.
ACCESSION AX630240
VERSION AX630240.1 GI:28458278
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 7281 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
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Db 1 TTTATCCCTC 10

RESULT 789
AX630771/c
LOCUS AX630771 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 7812 from Patent WO02053774.
ACCESSION AX630771
VERSION AX630771.1 GI:28458809
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 7812 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
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Qy 934 CTCCTCTTCA 943
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RESULT 787
AX630523
LOCUS AX630523 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 7564 from Patent WO02053774.
ACCESSION AX630523
VERSION AX630523.1 GI:28458561
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 7564 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
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Qy 907 ATTTCTTTG 916
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Db 2 ATTTATTTG 11

RESULT 788
AX631041
LOCUS AX631041 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 8082 from Patent WO02053774.
ACCESSION AX631041
VERSION AX631041.1 GI:28459083
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
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AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8082 11-JUL-2002; (DE)
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Db 2 TTTAATATAT 11

RESULT 791
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 LOCUS AX631136 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 8177 from Patent WO02053774.
 ACCESSION AX631136
 VERSION AX631136.1 GI:28459180
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8177 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Db 10 TTTAATGTTT 1

RESULT 792
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 DEFINITION Sequence 8295 from Patent WO02053774.
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 VERSION AX631253.1 GI:28459299
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8295 11-JUL-2002; (DE)
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
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Qy 905 TCATTTTCTT 914

Db 10 TCATTTCTT 1

RESULT 793
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 LOCUS AX631294 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 8336 from Patent WO02053774.
 ACCESSION AX631294
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 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8336 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Qy 903 GGTCAATTTTC 912

Db 11 GGTCAATTTCC 2

RESULT 794
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 DEFINITION Sequence 8658 from Patent WO02053774.
 ACCESSION AX631616
 VERSION AX631616.1 GI:28459692
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8658 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Qy 920 TTTGCCTTT 929

Db 1 TTTTCTTTT 10

RESULT 795
 AX631926
 LOCUS AX631926 11 bp DNA linear PAT 21-FEB-2003

DEFINITION Sequence 8968 from Patent WO02053774.
ACCESSION AX631926
VERSION AX631926.1 GI:28460064
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 8968 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 919 CTTTGCTTT 928
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RESULT 796
AX631982
LOCUS AX631982 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9024 from Patent WO02053774.
ACCESSION AX631982
VERSION AX631982.1 GI:28467597
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9024 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 900 CCTGGTCATT 909
Db 2 CCTGGTCATT 11
RESULT 797
AX632085
LOCUS AX632085 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9127 from Patent WO02053774.
ACCESSION AX632085
VERSION AX632085.1 GI:28467700
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9127 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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LOCUS AX632101 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9143 from Patent WO02053774.
ACCESSION AX632101
VERSION AX632101.1 GI:28467716
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9143 11-JUL-2002;
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DEFINITION Sequence 9260 from Patent WO02053774.
ACCESSION AX632218
VERSION AX632218.1 GI:28467833
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9260 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Db 10 CTTTATCCC 1
RESULT 799
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DEFINITION Sequence 9260 from Patent WO02053774.
ACCESSION AX632218/c
VERSION AX632218.1/c GI:28467833/c
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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QY 905 TCATTTCCTT 914
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Db 2 TCAATTTCCT 11

RESULT 805
AX772264/c
LOCUS AX772264 11 bp DNA linear PAT 02-JUL-2003
DEFINITION Sequence 54 from Patent WO03042407.
ACCESSION AX772264
VERSION AX772264.1 GI:32438837
KEYWORDS
SOURCE Drosophila melanogaster (fruit fly)
ORGANISM Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
REFERENCE
  1 Dickson,B., Berger,J., Suzuki,T. and Knoblich,J.
  Method for identifying therapeutic targets by use of genetic
  screens in drosophila melanogaster
  Patent: WO 03042407-A 54 22-MAY-2003;
  BOEHRINGER INGELHEIM INTERNATIONAL GMBH; CD Patents (DE)
FEATURES
  source
    1. .11
    Location/Qualifiers
      /organism="Drosophila melanogaster"
      /mol_type="unassigned DNA"
      /db_xref="taxon:7227"

Query Match
  Best Local Similarity 90.0%; Score 8.4; DB 1; Length 11;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGCTAT 957
  ||| ||| ||| |||
Db 10 TATAATGCTAT 1

RESULT 806
BD174946/c
LOCUS BD174946 11 bp DNA linear PAT 18-MAR-2003
DEFINITION Nucleic acid having deazaadenines and phosphoramidites to
  synthesize this.
ACCESSION BD174946
VERSION BD174946.1 GI:29120640
KEYWORDS JP 2002255992-A/4.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
  1 (bases 1 to 11)
  Saito,I., Okamoto,A. and Tanaka,K.
  Nucleic acid having deazaadenines and phosphoramidites to
  synthesize this
  Patent: JP 2002255992-A 4 11-SEP-2002;
  JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT OS Artificial Sequence
PN JP 2002255992-A/4
PD 11-SEP-2002
PF 02-MAR-2001 JP 2001059076
PI ISAO SAITO,AKIMITSU OKAMOTO,KAZUO TANAKA
PC C07H21/04,C07H19/14,C12N15/09,C12N15/00
CC Description of Artificial Sequence:synthesized nucleotide FH
Key Location/Qualifiers

FT source
  1. .11
  /organism="Artificial Sequence".
  Location/Qualifiers
    1. .11
    /organism="synthetic construct"
    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match
  Best Local Similarity 81.8%; Score 8.4; DB 1; Length 11;
  Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 TTCATTGGCTT 950
  ||| ||| ||| |||
Db 11 TTNTTGGCTT 1

RESULT 807
AJ588245
LOCUS AJ588245 11 bp DNA linear PLN 23-OCT-2003
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone
  352G09.
ACCESSION AJ588245
VERSION AJ588245.1 GI:37937869
KEYWORDS left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
  1 Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,
  Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelletier,G.,
  Lepointec,L., Caboche,M. and Lecharny,A.
  T-DNA integration into the Arabidopsis genome depends on sequences
  of pre-insertion sites
  EMBO Rep. 3 (12), 1152-1157 (2002)
FEATURES
  JOURNAL MEDLINE
  PUBMED 12446565
  REFERENCE
  AUTHORS Balzerque,S.
  TITLE Direct Submission
  JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
    Gaston Cremieux, 91057 Evry cedex, FRANCE
  COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana
    plants from INRA (Versailles). The DNA fragment(s) resulting from
    the PCR were directly sequenced from the left or the right border
    to determine the genomic sequence flanking the insertion. T-DNA
    derived sequences were removed. Information to order the
    corresponding mutant line and a link to a database providing a
    graphical display of the insertion site are available at
    http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
    been generated in the framework of the French plant genomics
    program 'genoplante' (http://www.genoplante.com and
    http://genoplante-info.inbio.gen.fr).
FEATURES
  source
    1. .11
    Location/Qualifiers
      /organism="Arabidopsis thaliana"
      /mol_type="genomic DNA"
      /cultivar="Wassilewskija"
      /db_xref="taxon:3702"
      /clone="352G09"
      /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
      /note="T-DNA flanking sequence"
      left border"

Query Match
  Best Local Similarity 90.0%; Score 8.4; DB 1; Length 11;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 919 CTTTGCCTT 928
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Db 2 CTTTGACTTT 11

RESULT 808
AJ594899/c

LOCUS AJ594899 11 bp DNA linear PLN 23-OCT-2003
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone 407F06.

ACCESSION AJ594899
VERSION AJ594899.1 GI:37944523
KEYWORDS left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana

REFERENCE 1
AUTHORS Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M., and Lecharny, A.
TITLE T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE 22363535
PUBMED 12445565

REFERENCE 2 (bases 1 to 11)
AUTHORS Balzerque, S.
TITLE Direct Submission
JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE

COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.infobiogen.fr>).

FEATURES
source location/Qualifiers
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/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Massillewskija"
/db_xref="taxon:3702"
/clone="407F06"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"

misc_feature 1..11
/notes="T-DNA flanking sequence left border"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 930 ATCCCTCCTC 939
|||||
Db 11 ATCCTTCCTC 2

RESULT 809
A15615

LOCUS A15615 12 bp DNA linear PAT 18-FEB-1994
DEFINITION oligonucleotide.
ACCESSION A15615
VERSION A15615.1 GI:489784
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 12)

AUTHORS Carey, N.H., Doel, M.T., Harris, T.J.R., Lowe, P.A. and Emtage, J.S.
TITLE A process for the production of a polypeptide
JOURNAL Patent: EP 0068691-A 11 05-JAN-1983;
CELLTECH LIMITED

FEATURES
source location/Qualifiers
1..12
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 938 TCTTCATTGG 947
|||||
Db 3 TCATCATTTGG 12

RESULT 810
AR030126/c

LOCUS AR030126 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 315 from patent US 5861244.
ACCESSION AR030126
VERSION AR030126.1 GI:5943340
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 12)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 315 19-JAN-1999;
FEATURES location/Qualifiers
source 1..12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 936 CCTCTTCATT 945
|||||
Db 11 CTTCTTCATT 2

RESULT 811
AR074196/c

LOCUS AR074196 12 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 4 from patent US 5952490.
ACCESSION AR074196
VERSION AR074196.1 GI:10000951
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 12)
AUTHORS Hanecak, R.C., Anderson, K.P., Bennett, C. Frank., Chiang, M.-Y., Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and Imbach, J. Louis.
TITLE Oligonucleotides having a conserved G4 core sequence
JOURNAL Patent: US 5952490-A 4 14-SEP-1999;
FEATURES location/Qualifiers
source 1..12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTGTGTCAT 908

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Db      11  CCCCCGTCAT 2
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RESULT 812
AR082930
LOCUS      AR082930
DEFINITION Sequence 15 from patent US 5976792.
ACCESSION AR082930
VERSION    AR082930.1 GI:10009720
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS     Cheung,A. and Fischetti,V.A.
TITLE        Regulation of exoprotein in staphylococcus aureus
JOURNAL      Patent: US 5976792-A 15 02-NOV-1999;
FEATURES     Location/Qualifiers
source       1..12
/mol_type="unknown"
/mol_type="unassigned DNA"
Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      905 TCATTTCTT 914
|||||
Db      2 TCATCTTCTT 11

RESULT 813
AR083488
LOCUS      AR083488
DEFINITION Sequence 27 from patent US 5976873.
ACCESSION AR083488
VERSION    AR083488.1 GI:10010263
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS     Bohinski,R.J. and Whitsett,J.A.
TITLE        Nucleic acid sequences controlling lung cell-specific gene
JOURNAL      Patent: US 5976873-A 27 02-NOV-1999;
FEATURES     Location/Qualifiers
source       1..12
/mol_type="unknown"
/mol_type="unassigned DNA"
Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      917 GTCTTTCCT 926
|||||
Db      3 GTGTTTCCT 12

RESULT 814
AR094984
LOCUS      AR094984
DEFINITION Sequence 22 from patent US 6001990.
ACCESSION AR094984
VERSION    AR094984.1 GI:10022421
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS     Wands,J.R., Wakita,T. and Moradpour,D.

TITLE        Antisense inhibition of hepatitis C virus
JOURNAL      Patent: US 6001990-A 22 14-DEC-1999;
FEATURES     Location/Qualifiers
source       1..12
/mol_type="unknown"
/mol_type="unassigned DNA"
Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      913 TTGGTCTTT 922
|||||
Db      1 TTGGTCTTT 10

RESULT 815
AR101001
LOCUS      AR101001
DEFINITION Sequence 89 from patent US 6083693.
ACCESSION AR101001
VERSION    AR101001.1 GI:12811799
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 12)
AUTHORS     Nandabalan,K. and Rothberg,J.Marc.
TITLE        Identification and comparison of protein-protein interactions that
JOURNAL      Patent: US 6083693-A 89 04-JUL-2000;
FEATURES     Location/Qualifiers
source       1..12
/mol_type="unknown"
/mol_type="unassigned DNA"
Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      935 TCCTCTTCAT 944
|||||
Db      2 TACTCTTCAT 11

RESULT 816
BD242522
LOCUS      BD242522
DEFINITION A system for cell based screening.
ACCESSION BD242522
VERSION    BD242522.1 GI:33052292
KEYWORDS   JP 2002528136-A/28.
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1 (bases 1 to 12)
AUTHORS     Guiliano,K.A., Bright,G., Olson,K. and Tencza,S.B.
TITLE        A system for cell based screening
JOURNAL      Patent: JP 2002528136-A 28 03-SEP-2002;
COMMENT     CELLOMICS INC
OS          Artificial Sequence
PN          JP 2002528136-A/28
PD          03-SEP-2002
PF          29-OCT-1999 JP 2000579780
PR          30-OCT-1998 US 60/106308,26-MAY-1999 US 60/136078 PI
KENNETH A. GUILIANO, GARY BRIGHT, KEITH OLSON, SARAH BURROUGHS PI
TENCZA
PC          C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12Q1/02, C12Q1/
PC          37, G01N33/15,
PC          G01N33/50, C12N15/00, C12N5/00
CC          Description of Artificial Sequence: proCaspase-1 substrate
CC          recognition
CC          sequence
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FH Key Location/Qualifiers
FT source 1..12 /organism='Artificial Sequence'.
FEATURES
    source Location/Qualifiers
        1..12 /organism='synthetic construct'
        /mol_type='genomic DNA'
        /db_xref='taxon:32630'
Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGGTTTAATG 954
Db 1 TGGTTTAAG 10

RESULT 817
LOCUS I20441/c 12 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 20 from patent US 5514577.
ACCESSION I20441
VERSION I20441.1 GI:1600796
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Draper,K.G., Crooke,S.T., Mirabelli,C.K., Ecker,D.J., Hanecak,R.C.,
Anderson,K.P., Brown-Driver,V.L. and Wyatt,J.R.
TITLE Oligonucleotide therapies for modulating the effects of herpes
viruses
JOURNAL Patent: US 5514577-A 20 07-MAY-1996;
FEATURES
    source Location/Qualifiers
        1..12 /organism='unknown'
        /mol_type='unassigned DNA'
Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTGGTCAT 908
Db 11 CCCCGTCAT 2

RESULT 818
LOCUS I33672 12 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 5 from patent US 5593859.
ACCESSION I33672
VERSION I33672.1 GI:1824463
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Prockop,D.J., Ala-Kokko,L., Fertala,A., Sieron,A., Kivirikko,K.I.,
Geddis,A. and Pihlajaniemi,T.
TITLE Synthesis of human procollagens and collagens in recombinant DNA
systems
JOURNAL Patent: US 5593859-A 5 14-JAN-1997;
FEATURES
    source Location/Qualifiers
        1..12 /organism='unknown'
        /mol_type='unassigned DNA'
Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

FH Key Location/Qualifiers
FT source 1..12 /organism='Artificial Sequence'.
FEATURES
    source Location/Qualifiers
        1..12 /organism='synthetic construct'
        /mol_type='genomic DNA'
        /db_xref='taxon:32630'
Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGGTTTAATG 954
Db 1 TGGTTTAAG 10

RESULT 819
LOCUS AR199330/c 12 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 39 from patent US 6355428.
ACCESSION AR199330
VERSION AR199330.1 GI:20249404
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Schroth,G.P., Bruice,T.Wayne, and Suh,Y.J.
TITLE Nucleic acid ligand interaction assays
JOURNAL Patent: US 6355428-A 39 12-MAR-2002;
FEATURES
    source Location/Qualifiers
        1..12 /organism='unknown'
        /mol_type='unassigned DNA'
Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCTTTGG 917
Db 10 TTTTCTTTGG 1

RESULT 820
LOCUS AR217447 12 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 55 from patent US 6416959.
ACCESSION AR217447
VERSION AR217447.1 GI:23317140
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Giuliano,K. and Kapur,R.
TITLE System for cell-based screening
JOURNAL Patent: US 6416959-A 55 09-JUL-2002;
FEATURES
    source Location/Qualifiers
        1..12 /organism='unknown'
        /mol_type='genomic DNA'
Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGGTTTAATG 954
Db 1 TGGTTTAAG 10

RESULT 821
LOCUS AR218380/c 12 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 39 from patent US 6420109.
ACCESSION AR218380
VERSION AR218380.1 GI:23319077
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Schroth,G.P., Bruice,T.W. and Suh,Y.J.

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[illegible]

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ACCESSION   AX283295
VERSION     AX283295.1 GI:17044176
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
  AUTHORS   Uhlmann,E., Breipohl,G. and Will,D.W.
  TITLE     Polyamide nucleic acid derivatives, agents and methods for
            producing the same
  JOURNAL   Patent: WO 0179249-A 59 25-OCT-2001;
            Aventis Pharma Deutschland GmbH (DE)
FEATURES    source
            1..12
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Beschreibung der kuenstlichen Sequenz:
            Oligonukleotide"

Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 936 CCTCTTCATT 945
      |||||
Db 12 CCTCTTCATT 3

RESULT 827
LOCUS       AX351123                12 bp    DNA    linear    PAT 06-FEB-2002
DEFINITION   Sequence 75 from Patent WO0194600.
ACCESSION   AX351123
VERSION     AX351123.1 GI:18616477
KEYWORDS    Escherichia coli
SOURCE      Escherichia coli
ORGANISM    Escherichia coli
            Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;
            Enterobacteriaceae; Escherichia.
REFERENCE   1
  AUTHORS   Kim,J.P., Starr,D.B., Tam,A.W., Laurance,M.E., Michelotti,E.F.,
            Velligan,M.D., Latour,D.R., Thomas,R.L., Kongpachith,A.,
            Sheppard,L.T., Lim,M.Y. and Bruice,T.W.
            Promoters for regulated gene expression
  TITLE     Patent: WO 0194600-A 75 13-DEC-2001;
            GENELABS TECHNOLOGIES INC. (US)
JOURNAL
FEATURES    source
            1..12
            /organism="Escherichia coli"
            /mol_type="unassigned DNA"
            /db_xref="taxon:562"

Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
      |||||
Db 11 TTGAATGTAT 2

RESULT 828
LOCUS       AX766766                12 bp    DNA    linear    PAT 25-JUN-2003
DEFINITION   Sequence 55 from Patent EP1314980.
ACCESSION   AX766766
VERSION     AX766766.1 GI:32260527
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1

AUTHORS   Giuliano,K.A. and Kapur,R.
TITLE     A system for cell-based screening
JOURNAL   Patent: EP 1314980-A 55 28-MAY-2003;
            Cellomics, Inc. (US)
FEATURES    source
            1..12
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="proCaspase-1 substrate recognition sequence"

Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGGTTTAATG 954
      |||||
Db 1 TGGTTTAAG 10

RESULT 829
LOCUS       BD175829                12 bp    DNA    linear    PAT 18-MAR-2003
DEFINITION   Synthesis of human procollagens and collagens in recombinant DNA.
ACCESSION   BD175829
VERSION     BD175829.1 GI:29121531
KEYWORDS    JP 2002255999-A/2.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 12)
  AUTHORS   Prockop,D.J., Kokko,L.A., Fertala,A., Sieron,A., Kivirikko,K.I. and
            Geddís,A.
  TITLE     Synthesis of human procollagens and collagens in recombinant DNA
  JOURNAL   Patent: JP 2002255999-A 2 11-SEP-2002;
            THOMAS JEFFERSON UNIVERSITY
            CS Homo sapiens (human)
            PN JP 2002255999-A/2
            PD 11-SEP-2002
            PF 12-DEC-2001 JP 2001379164
            PR 23-OCT-1991 US 780899
            PI DARWIN J PROCKOP, LENNA ALA KOKKO, ANDRZEJ FERTALA, ALEKSANDER
            PI SIERON,
            PI KARI I KIVIRIKKO, AMY GEDDIS
            PC C07K14/78,A61K38/17,A61P9/00,A61P13/12,A61P19/08,A61P19/10, PC
            A61P21/00//
            PC C12N15/09,C12P21/02,A61K37/12,C12N15/00
            CC Synthesis of human procollagens and collagens in recombinant
            CC DNA
            CC Key
            FH FT source
            FT Location/Qualifiers
            1..12
            /organism="Homo sapiens (human)"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTGGTGCAT 908
      |||||
Db 3 CCTGGTGCCT 12

Search completed: October 18, 2004, 14:23:05
Job time : 4 secs

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